

# Species by Pesticide

(Volume I)

Abbrev	Cname	Fedlist	Elmcode	Eonum	Cotrs
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150	17	1011S12E23
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150	17	1011S12E27
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150	17	1011S12E26
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150		
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150		
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150		
GGS	GIANT GARTER SNAKE	Threatened	ARADB36150		

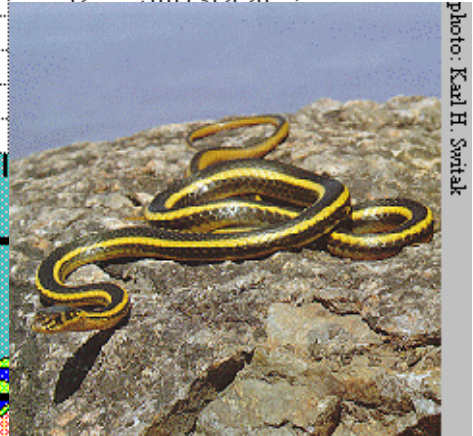
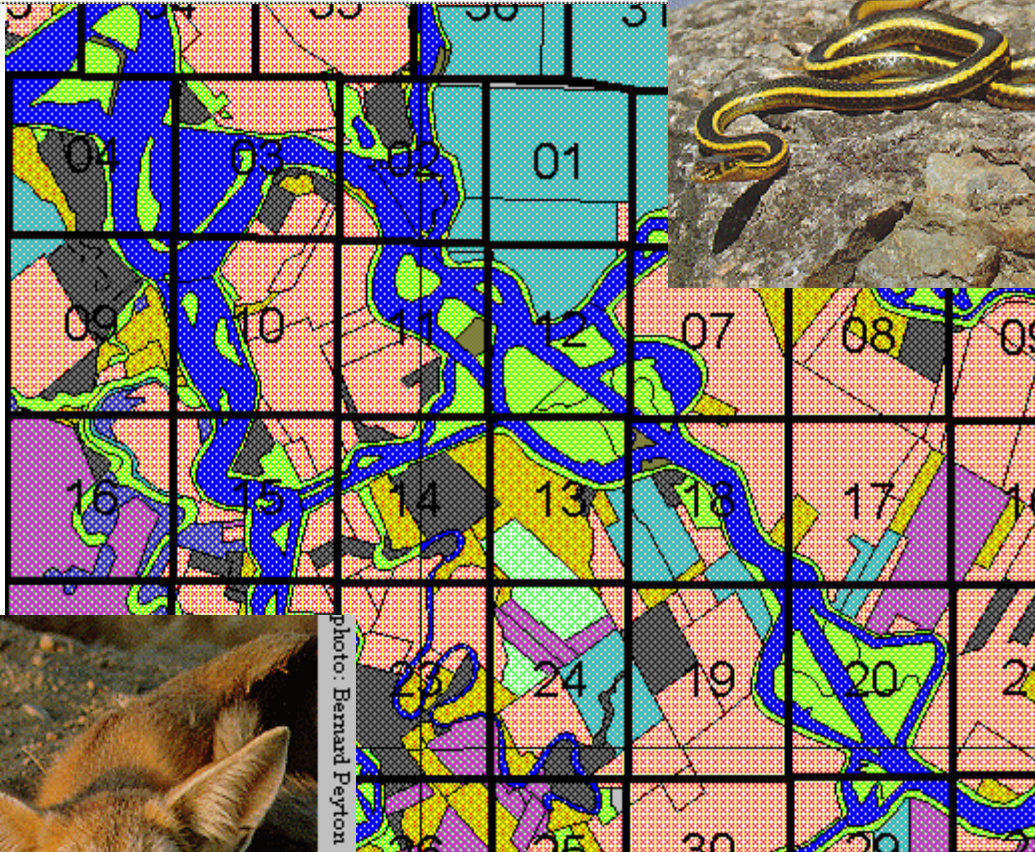


photo: Karl H. Svrtak



photo: Bernard Peyton

Trs	Chem	Commodity	Lbs	Acres
10N15W32	CYANAZINE	COTTON	189.00	122.00
10N15W32	NAPROPAMIDE	MELONS	10.70	71.00
10N15W33	NORFLURAZON	WALNUTS	133.00	105.70
10N15W33	POTASH SOAP	BEANS	0.80	10.00
10N15W33	SULFUR	ALFALFA	88.00	8.80
10N15W34	METHIDATHION	ALFALFA	103.51	208.75



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# Species by Pesticide

(Volume I)

An Index to Pesticides That Are Used in Proximity to Federally Listed,  
Proposed and Candidate Species in California by Species

by

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PREFACE: This report is one of three summaries of pesticide use in proximity to endangered species habitats that resulted from overlaying pesticide use information with habitat information. These reports list 1) pesticides by species, 2) species by pesticide, and 3) species by commodity and commodities by species. DPR and other interested agencies will use these reports to determine which species are potentially at risk of pesticide exposure, so we can develop protection measures as needed. We have already developed protection measures, in the form of county bulletins, to protect 21 species in 42 counties from uses of rodenticides. These reports will help us to determine what species and pesticides to include in future bulletins that address other classes of pesticides, such as insecticides and herbicides. Meanwhile, these reports will help make commodity groups, registrants and regulators more aware of the potential risks of pesticide use in proximity to habitats.

The intersection of species with pesticide use or species with a commodity does not necessarily infer significant risk, because the pesticide may not be toxic to the species, or the dynamics of pesticide use (timing, method of application, etc.) may not result in significant exposure to the species. Moreover, it is currently only possible for us to overlay pesticide use and habitat information to the nearest square mile. If a pesticide use (or commodity location) and habitat intersect the same square mile area and there is potential toxicity (determined by toxicology studies within the same broad taxonomic group - e.g. fish) it indicates that further evaluation is warranted. On the other hand, if there are no pesticide uses that intersect habitat of a particular species, to the nearest square mile, then we can concentrate our resources on protecting other species which are more proximate to pesticide use areas.

INTRODUCTION: The Department of Pesticide Regulation (DPR) has studied ways to protect federally listed species from potentially harmful exposure to pesticides with funding by the U.S. Environmental Protection Agency (U.S. EPA) since 1989. DPR's efforts have complemented the U.S. EPA Endangered Species Protection Program (ESPP) and refined its application to California in part by providing more specific local information on the proximity of pesticide use to habitats of listed species. By providing more precise proximity data, we make the ESPP more effective and efficient; focusing protection measures where they are needed and avoiding dissipation of resources where they are not needed. With more targeted protection measures, administrative costs and economic impacts of the ESPP on users will no doubt be reduced.

## Species by Pesticide

## Pesticides by Species

We used two sources of information to produce this report: 1) the California Department of Fish and Game (DFG) Natural Diversity Database (NDDB) and 2) DPR's annual Pesticide Use Reports (PUR). The NDDB provides detailed information on the locations of listed species while the PUR provides locations where pesticides are used. For this report, we included all federally listed endangered, threatened, proposed endangered, proposed threatened and candidate species that appeared in the NDDB as of February, 1997.

To compare proximity of species in the NDDB with pesticide use sites in the PUR, we first needed to create a common way of linking the data geographically. We used the township-range-section (TRS) data in the PUR and created a TRS link to the NDDB by overlaying habitat polygons with a TRS grid (interpolated for Spanish land grant areas).

We then linked **species by section** from the NDDB table to **pesticide by section** from the PUR table, to create the tables in this report that display **species by pesticide** (volume I) and **pesticides by species** (volume 2).

These data are aggregated from every section where pesticide use was reported that intersects any section that has any habitat. A pesticide would appear for a particular species even if it was used in only one section that also contained habitat. Just because use occurs in the same section does not mean that there is an exposure risk to listed species, but it does indicate sufficient proximity to warrant evaluation.

Even where there is an exposure risk, it can often be mitigated with modified application techniques and other measures short of use prohibitions. Such measures, as they are developed, will be published in future ESPP county bulletins distributed by the county agricultural commissioner.

Most of the habitat data from the NDDB is in the form of one-mile radius circle boundaries that only describe the vicinity of habitat. For our analysis, we considered any section that overlapped any part of a circle boundary to be potential habitat. This somewhat expanded definition of habitat may result in the inclusion of some pesticides where the nearest use could have been two or three miles from the habitat. However, in the typical case where we aggregate the intersection of hundreds of application records with dozens of habitat sections, we can be reasonably confident of actual proximity of at least some habitat with some pesticide use.

In view of the sensitivity of this analysis to capture a species and pesticide where there is any overlap of habitat and pesticide use at the section (square mile) level, it is significant that forty-five percent (146 of 325) of federally listed, proposed and Category 1 candidate species in California have no section-level proximity to pesticide use.

This report can be used to focus protection efforts where they are most needed by refining the lists of species and pesticides that appear in future ESPP bulletins. It also provides insights about the scope of pesticides and species that may be need to be addressed in future ESPP bulletins.

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

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- No Pesticide Use Near Habitat -

ABBOTT'S BUSH MALLOW  
AMARGOSA NITROPHILA  
AMARGOSA VOLE  
ASH MEADOWS GUMPLANT  
ASH-GRAY INDIAN PAINTBRUSH  
BAKERSFIELD CACTUS  
BARBATE JUNE BEETLE  
BEAR VALLEY SANDWORT  
BIRD-FOOTED CHECKERBLOOM  
BOX BEDSTRAW  
BREEDLOVE'S BUCKWHEAT  
CALIFORNIA BIGHORN SHEEP  
CALIFORNIA BROWN PELICAN  
CALIFORNIA DANDELION  
CALIFORNIA VERVAIN  
CARSON RANGE ROCK CRESS  
CATALINA ISLAND MOUNTAIN-MAHOGANY  
CHINESE CAMP BRODIAEA  
CHORRO CREEK BOG THISTLE  
CIERVO AEGILIAN SCARAB BEETLE  
COACHELLA VALLEY MILK-VETCH  
COASTAL DUNES MILK-VETCH  
COLORADO SQUAWFISH  
COMANCHE POINT LAYIA  
CRAMPTON'S TUCTORIA  
CROWN BEARD  
CUSHENBURY BUCKWHEAT  
CUSHENBURY MILK-VETCH  
CUSHENBURY OXYTHECA  
CUYAMACA CYPRESS  
CUYAMACA LAKE DOWNINGIA  
DESERT SLENDER SALAMANDER  
DOG VALLEY IVESIA  
DWARF GOLDENSTAR  
EL DORADO BEDSTRAW  
EL SEGUNDO BLUE BUTTERFLY  
EUREKA DUNES EVENING-PRIMROSE  
EUREKA VALLEY DUNE GRASS  
FISH SLOUGH MILK-VETCH  
FOUNTAIN THISTLE  
FT. TEJON WOOLLY SUNFLOWER  
FREED'S JEWELFLOWER  
GOWEN CYPRESS  
GREENE'S MARIPOSA LILY  
HIDDEN LAKE BLUECURLS  
HOFFMANN'S ROCK CRESS  
HOFFMANN'S SLENDER-FLOWERED GILIA

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- No Pesticide Use Near Habitat -

HOWELL'S ALKALI GRASS  
HUMBOLDT BAY WALLFLOWER  
HUMBOLDT MILK-VETCH  
INYO CALIFORNIA TOWHEE  
ISLAND ALUMROOT  
ISLAND BARBERRY  
ISLAND MALACOTHRIS  
ISLAND MALLOW  
ISLAND NIGHT LIZARD  
ISLAND RUSH-ROSE  
KELSO CREEK MONKEYFLOWER  
KERN MALLOW  
KERN PRIMROSE SPHINX MOTH  
LAKE COUNTY STONECROP  
LAKE COUNTY WESTERN FLAX  
LANE MTN MILK-VETCH  
LAYNE'S RAGWORT  
LITTLE KERN GOLDEN TROUT  
LITTLE SAN BERNARDINO MTNS GILIA  
LOCH LOMOND BUTTON-CELERY  
LOTIS BLUE BUTTERFLY  
MARBLED MURRELET  
MARIN WESTERN FLAX  
MCDONALD'S ROCK CRESS  
MEXICAN FLANNELBUSH  
MODOC SUCKER  
MOHAVE TUI CHUB  
MOJAVE MONKEYFLOWER  
MONO BRINE SHRIMP  
MONTEREY CLOVER  
MORRO SHOULDERBAND  
MT. DIABLO BIRD'S-BEAK  
NORTH CHANNEL ISLANDS PHACELIA  
OWENS PEAK LOMATIUM  
OWENS PUPFISH  
PAIUTE CUTTHROAT TROUT  
PARISH'S ALKALI GRASS  
PARISH'S DAISY  
PEIRSON'S SPRING BEAUTY  
PIERPOINT SPRINGS LIVEFOREVER  
PINE HILL CEANOTHUS  
PINE HILL FLANNELBUSH  
PIUTE MTNS NAVARRETIA  
PLEASANT VALLEY MARIPOSA LILY  
PRESIDIO CLARKIA  
PRESIDIO MANZANITA  
PURPLE POTENTILLA  
RAWHIDE HILL ONION

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- No Pesticide Use Near Habitat -

RED ROCK TARPLANT  
RIVERSIDE FAIRY SHRIMP  
SACRAMENTO ORCUTT GRASS  
SAN BENITO EVENING-PRIMROSE  
SAN BERNARDINO BLUE GRASS  
SAN BERNARDINO MTNS BLADDERPOD  
SAN CLEMENTE ISLAND BIRD'S-FOOT TREFOIL  
SAN CLEMENTE ISLAND BUSH MALLOW  
SAN CLEMENTE ISLAND INDIAN PAINTBRUSH  
SAN CLEMENTE ISLAND LARKSPUR  
SAN CLEMENTE ISLAND LOTUS  
SAN CLEMENTE ISLAND MILK-VETCH  
SAN CLEMENTE ISLAND WOODLAND STAR  
SAN CLEMENTE LOGGERHEAD SHRIKE  
SAN CLEMENTE SAGE SPARROW  
SAN DIEGO FAIRY SHRIMP  
SAN DIEGO MESA MINT  
SAN MATEO WOOLLY SUNFLOWER  
SANTA BARBARA ISLAND DUDLEYA  
SANTA CRUZ ISLAND BUSH MALLOW  
SANTA CRUZ ISLAND CLIFF-ASTER  
SANTA CRUZ ISLAND DUDLEYA  
SANTA CRUZ ISLAND FRINGEPOD  
SANTA CRUZ ISLAND ROCK CRESS  
SANTA ROSA ISLAND DUDLEYA  
SCADDEN FLAT CHECKERBLOOM  
SHASTA CRAYFISH  
SHINING MILK-VETCH  
SHIRLEY MEADOWS STAR-TULIP  
SLENDER PENTACHAETA  
SLENDER-PETALED THELYPODIUM  
SOCRATES MINE JEWELFLOWER  
SODAVILLE MILK-VETCH  
SOFT-LEAVED INDIAN PAINTBRUSH  
SOUTHERN ISLAND MALLOW  
SOUTHERN MTN BUCKWHEAT  
SOUTHERN SEA OTTER  
SOUTHWESTERN POND TURTLE  
SUISUN THISTLE  
SANTA ROSA ISLAND MANZANITA  
THORNE'S BUCKWHEAT  
THORNE'S ROYAL LARKSPUR  
TIBURON JEWELFLOWER  
TIBURON MARIPOSA LILY  
TRASK'S CRYPTANTHA  
TRIPLE-RIBBED MILK-VETCH  
TRUCKEE BARBERRY  
VASEK'S CLARKIA



Pesticides Used In Proximity to Habitat  
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- No Pesticide Use Near Habitat -	WATER HOWELLIA YADON'S WALLFLOWER YELLOW-BLOTCHED SALAMANDER
(E)-4-TRIDECEN-1-YL-ACETATE	CALIFORNIA GNATCATCHER CALIFORNIA ORCUTT GRASS LEAST BELLS VIREO OTAY MESA MINT OTAY TARPLANT PROSTRATE NAVARRETIA SAN DIEGO BUTTON-CELERY SAN JOAQUIN KIT FOX STEPHENS KANGAROO RAT
(S)-KINOPRENE	BLACK LEGLESS LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL MONTEREY SPINEFLOWER MOST BEAUTIFUL JEWELFLOWER ROBUST SPINEFLOWER SALT MARSH HARVEST MOUSE SALTMARSH WANDERING SHREW SAN FRANCISCO GARTER SNAKE SANTA CLARA VALLEY DUDLEYA SANTA CRUZ LONG TOED SALAMANDER SONOMA SUNSHINE
(Z)-4-TRIDECEN-1-YL-ACETATE	CALIFORNIA GNATCATCHER CALIFORNIA ORCUTT GRASS LEAST BELLS VIREO OTAY MESA MINT OTAY TARPLANT PROSTRATE NAVARRETIA SAN DIEGO BUTTON-CELERY SAN JOAQUIN KIT FOX STEPHENS KANGAROO RAT
(Z,E)-7,11-HEXADECADIEN-1-YL ACETATE	RAZORBACK SUCKER YUMA CLAPPER RAIL
1,2-DICHLOROPROPANE, 1,3-DICHLOROPROPENE AND RELAT	SAN JOAQUIN KIT FOX
1,3-DICHLOROPROPENE	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD CALIFORNIA JEWELFLOWER CONGDON'S TARPLANT GREENE'S TUCTORIA HOOVER'S ERIASTRUM PALMATE-BRACTED BIRD'S-BEAK

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1,3-DICHLOROPROPENE	SAN JOAQUIN KIT FOX
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN	CALIFORNIA GNATCATCHER LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL STEPHENS KANGAROO RAT TIDEWATER GOBY WESTERN LILY WESTERN SNOWY PLOVER
1-NAPHTHALENEACETAMIDE	CONGDON'S TARPLANT SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX VALLEY ELDERBERRY LONGHORN BEETLE WHITE SEDGE
1080	CALIFORNIA CONDOR SAN JOAQUIN KIT FOX
2,2-DIBROMO-3-NITRILOPROPIONAMIDE	SAN FRANCISCO GARTER SNAKE
2,4-D	ALEUTIAN CANADA GOOSE BALD EAGLE BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS BUTTE COUNTY MEADOWFOAM CHINOOK SALMON WINTER RUN COAST LILY COLUSA GRASS FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO LOST RIVER SUCKER SALT MARSH HARVEST MOUSE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SHORTNOSE SUCKER SACRAMENTO SPLITTAIL TREE-ANEMONE VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND	GREENE'S TUCTORIA

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ISOPROPANOL	GREENE'S TUCTORIA
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL	PROSTRATE NAVARRETIA
	SAN JACINTO VALLEY CROWNSCALE
	SAN JOAQUIN KIT FOX
	STEPHENS KANGAROO RAT
	SACRAMENTO SPLITTAIL
	YUMA CLAPPER RAIL
2,4-D, BUTOXYETHANOL ESTER	ALEUTIAN CANADA GOOSE
	BALD EAGLE
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA FRESHWATER SHRIMP
	CALIFORNIA GNATCATCHER
	CHINOOK SALMON WINTER RUN
	COAST LILY
	COLUSA GRASS
	LEAST BELLS VIREO
	LOST RIVER SUCKER
	MUNZ'S ONION
	NORTHERN SPOTTED OWL
	SALT MARSH HARVEST MOUSE
	SAN JOAQUIN KIT FOX
	SAN JOAQUIN VALLEY ORCUTT GRASS
	SHORTNOSE SUCKER
	SHOWY INDIAN CLOVER
	SLENDER-HORNED SPINEFLOWER
	STEPHENS KANGAROO RAT
	THREAD-LEAVED BRODIAEA
	TIDEWATER GOBY
	VALLEY ELDERBERRY LONGHORN BEETLE
	WESTERN SNOWY PLOVER
2,4-D, DIETHANOLAMINE SALT	CALIFORNIA GNATCATCHER
	GIANT GARTER SNAKE
	SAN JOAQUIN KIT FOX
	STEPHENS KANGAROO RAT
2,4-D, DIMETHYLAMINE SALT	ALAMEDA WHIPSNAKE
	ALEUTIAN CANADA GOOSE
	BALD EAGLE
	BAY CHECKERSPOT BUTTERFLY
	BEACH LAYIA
	BLACK LEGLESS LIZARD
	BLUNT NOSED LEOPARD LIZARD
	BUTTE COUNTY MEADOWFOAM
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA CONDOR
	CALIFORNIA FRESHWATER SHRIMP

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2,4-D, DIMETHYLAMINE SALT

CALIFORNIA GNATCATCHER  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONTRA COSTA GOLDFIELDS  
CONSERVANCY FAIRY SHRIMP  
DEHESA NOLINA  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
OWENS TUI CHUB  
OWENS VALLEY CHECKERBLOOM  
PACIFIC GROVE CLOVER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
SALT MARSH HARVEST MOUSE  
SAN DIEGO THORN MINT  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER

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2,4-D, DIMETHYLAMINE SALT

SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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2,4-D, ISOOCTYL ESTER

NORTHERN SPOTTED OWL

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2,4-D, ISOPROPYL ESTER

BALD EAGLE  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MUNZ'S ONION  
NEVIN'S BARBERRY  
SALTMARSH WANDERING SHREW  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SANTA ANA RIVER WOOLLYSTAR  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
THREAD-LEAVED BRODIAEA  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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2,4-D, PROPYL ESTER	BLUNT NOSED LEOPARD LIZARD CALIFORNIA CONDOR CALIFORNIA GNATCATCHER GREENE'S TUCTORIA LEAST BELLS VIREO SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS STEPHENS KANGAROO RAT STRIPED ADOBE LILY VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP
2,4-D, TRIETHYLAMINE SALT	ALEUTIAN CANADA GOOSE BALD EAGLE BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS BUTTE COUNTY MEADOWFOAM CHINOOK SALMON WINTER RUN FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM HOOVER'S SPURGE SALT MARSH HARVEST MOUSE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SACRAMENTO SPLITTAIL TREE-ANEMONE VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP
2,4-XYLENOL	VALLEY ELDERBERRY LONGHORN BEETLE
2-(2,4-DP), DIMETHYLAMINE SALT	VALLEY ELDERBERRY LONGHORN BEETLE
2-(2-(P-(DIISOBUTYL) PHENOXY) ETHOXY) ETHYL DIMETH	CONEJO DUDLEYA
2-(2-BUTOXY ETHOXY) ETHYL THIOCYANATE	BURKE'S GOLDFIELDS SAN FRANCISCO GARTER SNAKE SONOMA SUNSHINE
2-ETHYLHEXYL SULFURIC ACID, SODIUM SALT	VERNAL POOL TADPOLE SHRIMP
3,7,11-TRIMETHYL-1,6,10-DODECATRIENE-3-OL	BLUNT NOSED LEOPARD LIZARD

Pesticides Used In Proximity to Habitat  
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3,7,11-TRIMETHYL-1,6,10-DODECATRIENE-3-OL

CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALISTOGA POPCORN-FLOWER  
CONEJO DUDLEYA  
DEL MAR MANZANITA  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
ORCUTT'S SPINEFLOWER  
PROSTRATE NAVARRETIA  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
THREAD-LEAVED BRODIAEA  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER

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3,7,11-TRIMETHYL-2,6,10-DODECATRIENE-1-OL

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALISTOGA POPCORN-FLOWER  
CONEJO DUDLEYA  
DEL MAR MANZANITA  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
ORCUTT'S SPINEFLOWER  
PROSTRATE NAVARRETIA  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
THREAD-LEAVED BRODIAEA  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER

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3-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE,  
ETHO

ALEUTIAN CANADA GOOSE  
  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
RAZORBACK SUCKER

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

3-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHO	SAN JOAQUIN KIT FOX  SHORTNOSE SUCKER SACRAMENTO SPLITTAIL TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL TADPOLE SHRIMP YUMA CLAPPER RAIL
4(2,4-DB), DIMETHYLAMINE SALT	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD CALIFORNIA GNATCATCHER DESERT PUPFISH FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE LOST RIVER SUCKER PALMATE-BRACTED BIRD'S-BEAK RAZORBACK SUCKER SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SHORTNOSE SUCKER STEPHENS KANGAROO RAT SACRAMENTO SPLITTAIL WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
4-(2,4-DB), BUTOXYETHANOL ESTER	FLAT TAILED HORNED LIZARD
4-AMINOPYRIDINE	SAN JOAQUIN KIT FOX
4-CHLORO-2-PHENYLPHENOL, POTASSIUM SALT	SEBASTOPOL MEADOWFOAM SHOWY INDIAN CLOVER
6-CHLORO-2-PHENYLPHENOL, POTASSIUM SALT	SEBASTOPOL MEADOWFOAM SHOWY INDIAN CLOVER
A-(P-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	BLUNT NOSED LEOPARD LIZARD  BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER HOOVER'S ERIASTRUM KENWOOD MARSH CHECKERBLOOM NORTHERN SPOTTED OWL SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS



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A-(P-NONYLPHENYL)-OMEGA-HYDROXPOLY  
(OXYETHYLENE)

SEBASTOPOL MEADOWFOAM  
  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
TREE-ANEMONE  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YUMA CLAPPER RAIL

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ABIETIC ANHYDRIDE

FLAT TAILED HORNED LIZARD

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ACEPHATE

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOWELL'S SPINEFLOWER  
LARGE-FLOWERED FIDDLENECK  
LEAST BELLS VIREO

Pesticides Used In Proximity to Habitat  
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ACEPHATE

LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY TARPLANT  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ACEPHATE	SONOMA ALOPECURUS
	SONOMA SUNSHINE
	STEPHENS KANGAROO RAT
	STICKY DUDLEYA
	SACRAMENTO SPLITTAIL
	THREAD-LEAVED BRODIAEA
	TIDEWATER GOBY
	TIPTON KANGAROO RAT
	VALLEY ELDERBERRY LONGHORN BEETLE
	VERITY'S DUDLEYA
	VERNAL POOL FAIRY SHRIMP
	VERNAL POOL TADPOLE SHRIMP
	WESTERN SNOWY PLOVER
	WHITE SEDGE
	WHITE-RAYED PENTACHAETA
	YADON'S PIPERIA
	YUMA CLAPPER RAIL
ACETIC ACID	CALIFORNIA LEAST TERN
	SALT MARSH BIRD'S-BEAK
	SAN JOAQUIN KIT FOX
	TIDEWATER GOBY
	WESTERN SNOWY PLOVER
ACROLEIN	SAN JOAQUIN KIT FOX
ACRYLIC ACID	BEACH LAYIA
ALACHLOR	ARROYO SOUTHWESTERN TOAD
	CALIFORNIA GNATCATCHER
	CALIFORNIA LEAST TERN
	COLUSA GRASS
	CONGDON'S TARPLANT
	MONTEREY SPINEFLOWER
	SALT MARSH BIRD'S-BEAK
	SAN JOAQUIN KIT FOX
	SAND MESA MANZANITA
	SUISUN SHREW
	SACRAMENTO SPLITTAIL
ALCOHOL SULFATES	TIDEWATER GOBY
	WESTERN SNOWY PLOVER
ALDICARB	BLUNT NOSED LEOPARD LIZARD
	SAN JOAQUIN KIT FOX
ALDICARB	ALEUTIAN CANADA GOOSE
	BLUNT NOSED LEOPARD LIZARD
	CALIFORNIA JEWELFLOWER
	COLUSA GRASS
	FRESNO KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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ALDICARB

GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LOST RIVER SUCKER  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SHORTNOSE SUCKER  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL  
AMMO

CALIFORNIA GNATCATCHER

DEL MAR MANZANITA  
LIGHT FOOTED CLAPPER RAIL  
ORCUTT'S SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

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ALKYL (60%C14, 30%C16, 5%C12, 5%C18)  
DIMETHYLBENZYL

BAY CHECKERSPOT BUTTERFLY

CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE

Pesticides Used In Proximity to Habitat  
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ALKYL (60%C14, 30%C16, 5%C12, 5%C18)  
DIMETHYLBENZY

SANTA CRUZ LONG TOED SALAMANDER  
  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL  
AMMONIU

BAY CHECKERSPOT BUTTERFLY  
  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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ALKYL BENZENE SULFONIC ACID

ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
FRESNO KANGAROO RAT  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
SAN JOAQUIN ADOBE SUNBURST

Pesticides Used In Proximity to Habitat  
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ALKYL BENZENE SULFONIC ACID	SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SANTA ANA RIVER WOOLLYSTAR SEBASTOPOL MEADOWFOAM SLENDER-HORNED SPINEFLOWER SOFT BIRD'S-BEAK STEPHENS KANGAROO RAT STRIPED ADOBE LILY VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER
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ALKYL OXY POLY (ETHYLENEOXY) ETHYL PHOSPHATE	SAN JOAQUIN KIT FOX
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ALKYL OXY POLYETHOXY ETHANOL	CALIFORNIA GNATCATCHER GREENE'S TUCTORIA SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN VALLEY ORCUTT GRASS
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ALKYL OXY-POLYOXYETHYLENE AND ALKYL PHENYLOXY-POLY	ALEUTIAN CANADA GOOSE  BLUNT NOSED LEOPARD LIZARD CALIFORNIA JEWELFLOWER COLUSA GRASS DESERT PUPFISH FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE GIANT KANGAROO RAT HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM PEIRSON'S MILK-VETCH RAZORBACK SUCKER SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SACRAMENTO SPLITTAIL TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
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ALKYL PHENOXY POLY (ETHOXY) ETHANOL	ALEUTIAN CANADA GOOSE BLACK LEGLESS LIZARD
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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYL PHENOXY POLY (ETHOXY) ETHANOL

BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LARGE-FLOWERED FIDDLENECK  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA ANA RIVER WOOLLYSTAR  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA SPINEFLOWER

Pesticides Used In Proximity to Habitat  
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ALKYL PHENOXY POLY (ETHOXY) ETHANOL

STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ALKYL POLYETHYLENE GLYCOL ETHER

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONTRA COSTA GOLDFIELDS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PENNEL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER



Pesticides Used In Proximity to Habitat  
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ALKYL POLYETHYLENE GLYCOL ETHER

SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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ALKYL POLYOXY ALKYLENE ETHER

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DESERT PUPFISH  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY

Pesticides Used In Proximity to Habitat  
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ALKYL POLYOXY ALKYLENE ETHER

SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUISUN SHREW  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

---

ALKYL POLYOXY ETHYLENE ETHER, DIPHOSPHORIC  
ACID ES

CALIFORNIA CLAPPER RAIL  
  
CONTRA COSTA GOLDFIELDS  
GIANT GARTER SNAKE  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SHOWY INDIAN CLOVER  
SACRAMENTO SPLITTAIL  
WESTERN SNOWY PLOVER

---

ALKYL POLYOXY ETHYLENE ETHER, MONOPHOSPHORIC  
ACID

CALIFORNIA CLAPPER RAIL  
  
CONTRA COSTA GOLDFIELDS  
GIANT GARTER SNAKE  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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ALKYL POLYOXY ETHYLENE ETHER, MONOPHOSPHORIC  
ACID

ROBUST SPINEFLOWER

SALT MARSH HARVEST MOUSE  
SHOWY INDIAN CLOVER  
SACRAMENTO SPLITTAIL  
WESTERN SNOWY PLOVER

ALKYL POLYOXY ETHYLENE ETHERS, POLYMERIZED  
RESINS

ALEUTIAN CANADA GOOSE

BLUNT NOSED LEOPARD LIZARD  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONSERVANCY FAIRY SHRIMP  
DESERT PUPFISH  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
STEBBINS' MORNING-GLORY  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

ALKYL POLYOXY ETHYLENE GLYCOLS

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP

ALKYLARYL POLY(OXYETHYLENE) GLYCOL

ALEUTIAN CANADA GOOSE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLY(OXYETHYLENE) GLYCOL

ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUFFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
INDIAN KNOB MOUNTAINBALM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLY(OXYETHYLENE) GLYCOL

NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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ALKYLARYL POLYALKOXYLATED ALCOHOLS

BLUNT NOSED LEOPARD LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLYALKOXYLATED ALCOHOLS

LIGHT FOOTED CLAPPER RAIL  
SAN JOAQUIN KIT FOX  
SEBASTOPOL MEADOWFOAM  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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ALKYLARYL POLYETHER ALCOHOL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CHINOOK SALMON WINTER RUN  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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ALKYLARYL POLYETHYLENE GLYCOL ETHER

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLYETHYLENE GLYCOL ETHER

HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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ALKYLARYL POLYOXYETHYLENE ETHER

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONSERVANCY FAIRY SHRIMP  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLYOXYETHYLENE ETHER

HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
METCALF CANYON JEWELFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ALKYLARYL POLYOXYETHYLENE GLYCOL PHOSPHATE  
ESTER

ALEUTIAN CANADA GOOSE  
  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BEACH SPECTACLEPOD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLYOXYETHYLENE GLYCOL PHOSPHATE  
ESTER

CONEJO DUDLEYA

CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STRIPED ADOBE LILY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALKYLARYL POLYOXYETHYLENE GLYCOL PHOSPHATE  
ESTER

SUISUN SHREW  
  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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ALKYLARYL POYLOXYETHYLENE ETHANOL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA JEWELFLOWER  
CLARA HUNT'S MILK-VETCH  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LIGHT FOOTED CLAPPER RAIL  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA CRUZ LONG TOED SALAMANDER  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP

Pesticides Used In Proximity to Habitat  
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ALKYLARYL POYLOXYETHYLENE ETHANOL

VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXPOLY  
(OXYETHYLE

ALEUTIAN CANADA GOOSE  
  
COLUSA GRASS  
GREENE'S TUCTORIA  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
STEPHENS KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE

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ALPHA-ALKYL-OMEGA-HYDROXPOLY (OXYETHYLENE)  
ETHANO

ALEUTIAN CANADA GOOSE  
  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LARGE-FLOWERED FIDDLENECK  
LONGHORN FAIRY SHRIMP  
METCALF CANYON JEWELFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SEASIDE BIRD'S-BEAK  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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ALPHA-ALKYL-OMEGA-HYDROXPOLY (OXYETHYLENE)  
POLY (

CALIFORNIA JEWELFLOWER  
  
GREENE'S TUCTORIA  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS

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ALUMINUM PHOSPHIDE

ALEUTIAN CANADA GOOSE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ALUMINUM PHOSPHIDE

BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CHINOOK SALMON WINTER RUN  
COAST LILY  
COHO SALMON  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SAN BRUNO ELFIN BUTTERFLY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
STRIPED ADOBE LILY  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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AMITRAZ

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
COAST LILY  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
SAN JOAQUIN ADOBE SUNBURST

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

AMITRAZ	SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN DUNE BEETLE SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
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AMITROLE	CONGDON'S TARPLANT
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AMMONIUM OLEATE	ALEUTIAN CANADA GOOSE BLACK LEGLESS LIZARD CALIFORNIA RED-LEGGED FROG GIANT GARTER SNAKE MONTEREY SPINEFLOWER SAN JOAQUIN KIT FOX TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE WESTERN SNOWY PLOVER
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AMMONIUM SULFATE	SAN JOAQUIN KIT FOX
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AMMONIUM TALL OIL FATTY ACID SOAP	BURKE'S GOLDFIELDS CALIFORNIA FRESHWATER SHRIMP CONTRA COSTA GOLDFIELDS NORTHERN SPOTTED OWL SAN JOAQUIN KIT FOX SUISUN SHREW
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AMPELOMYCES QUISQUALIS	CALIFORNIA CLAPPER RAIL SAN JOAQUIN KIT FOX SEBASTOPOL MEADOWFOAM SOFT BIRD'S-BEAK SONOMA ALOPECURUS WHITE SEDGE
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ANCYMIDOL	CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN GAMBEL'S WATERCRESS MARSH SANDWORT MORRO BAY KANGAROO RAT MORRO MANZANITA PROSTRATE NAVARRETIA SAN DIEGO BUTTON-CELERY SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SAND MESA MANZANITA
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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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ANCYMIDOL	THREAD-LEAVED BRODIAEA WESTERN SNOWY PLOVER
ANILAZINE	CALIFORNIA GNATCATCHER CALIFORNIA RED-LEGGED FROG CONGDON'S TARPLANT LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL LYON'S PENTACHAETA MONTEREY SPINEFLOWER MORRO MANZANITA PISMO CLARKIA SALT MARSH BIRD'S-BEAK SAND MESA MANZANITA STEPHENS KANGAROO RAT TIDEWATER GOBY VERITY'S DUDLEYA WESTERN SNOWY PLOVER YADON'S PIPERIA
ATRAZINE	CALIFORNIA CONDOR CALIFORNIA GNATCATCHER CHINOOK SALMON WINTER RUN COACHELLA VALLEY FRINGE TOED LIZARD CONTRA COSTA GOLDFIELDS DESERT PUPFISH FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE HOWELL'S SPINEFLOWER MARIPOSA PUSSYPAWS NORTHERN SPOTTED OWL PEIRSON'S MILK-VETCH SAN DIEGO THORN MINT VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP YUMA CLAPPER RAIL
AVERMECTIN	ALEUTIAN CANADA GOOSE BAY CHECKERSPOT BUTTERFLY BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

AVERMECTIN

CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUFFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
LAGUNA BEACH DUDLEYA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

AVERMECTIN

SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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AZADIRACHTIN

BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
HICKMAN'S CINQUEFOIL



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

AZADIRACHTIN

LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VERNAL POOL FAIRY SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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AZINPHOS METHYL

ALEUTIAN CANADA GOOSE  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

AZINPHOS METHYL

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COAST LILY  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ WALLFLOWER  
SHORTNOSE SUCKER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

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BACILLUS THURINGIENSIS (BERLINER)

DESERT PUPFISH  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
AIZAWAI,

ALEUTIAN CANADA GOOSE  
  
ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GIANT KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
AIZAWAI,

GREENE'S TUCTORIA

HAIRY ORCUTT GRASS

HOOVER'S ERIASTRUM

LEAST BELLS VIREO

LEAST BELLS VIREO

LIGHT FOOTED CLAPPER RAIL

MARSH SANDWORT

METCALF CANYON JEWELFLOWER

MONTEREY SPINEFLOWER

MONTEREY SPINEFLOWER

MORRO BAY KANGAROO RAT

MORRO MANZANITA

ORCUTT'S SPINEFLOWER

PACIFIC POCKET MOUSE

PISMO CLARKIA

PISMO CLARKIA

ROBUST SPINEFLOWER

SALT MARSH BIRD'S-BEAK

SALT MARSH BIRD'S-BEAK

SAN DIEGO THORN MINT

SAN JOAQUIN ADOBE SUNBURST

SAN JOAQUIN ANTELOPE SQUIRREL

SAN JOAQUIN ANTELOPE SQUIRREL

SAN JOAQUIN KIT FOX

SAN JOAQUIN KIT FOX

SAN JOAQUIN WOOLLYTHREADS

SAN JOAQUIN WOOLLYTHREADS

SAND GILIA

SAND GILIA

SAND MESA MANZANITA

SAND MESA MANZANITA

SANTA CRUZ LONG TOED SALAMANDER

SANTA CRUZ LONG TOED SALAMANDER

SEASIDE BIRD'S-BEAK

SEASIDE BIRD'S-BEAK

SHORT-LOBED BROOMRAPE

STEPHENS KANGAROO RAT

STEPHENS KANGAROO RAT

SACRAMENTO SPLITTAIL

THREAD-LEAVED BRODIAEA

THREAD-LEAVED BRODIAEA

TIDEWATER GOBY

TIDEWATER GOBY

UNARMORED THREESPINE STICKLEBACK

VALLEY ELDERBERRY LONGHORN BEETLE

VERITY'S DUDLEYA

VERITY'S DUDLEYA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
AIZAWAI,

VERNAL POOL FAIRY SHRIMP

WESTERN SNOWY PLOVER  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YADON'S PIPERIA

---

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
ISRAELEN

BURKE'S GOLDFIELDS

CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PROSTRATE NAVARRETIA  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN LILY  
WESTERN SNOWY PLOVER

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BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
KURSTAKI

ALEUTIAN CANADA GOOSE

ALEUTIAN CANADA GOOSE  
ALEUTIAN CANADA GOOSE  
ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
KURSTAKI

BLACK LEGLESS LIZARD  
  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA LEAST TERN  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS  
COLUSA GRASS  
CONEJO DUDLEYA  
CONEJO DUDLEYA  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONGDON'S TARPLANT  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
FRESNO KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
KURSTAKI

FRESNO KANGAROO RAT  
  
GAMBEL'S WATERCRESS  
GAMBEL'S WATERCRESS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT GARTER SNAKE  
GIANT GARTER SNAKE  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
GREENE'S TUCTORIA  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HAIRY ORCUTT GRASS  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S ERIASTRUM  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LEAST BELLS VIREO  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
LYON'S PENTACHAETA  
MARSH SANDWORT  
MARSH SANDWORT  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MONTEREY SPINEFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PALMATE-BRACTED BIRD'S-BEAK  
PALMATE-BRACTED BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
KURSTAKI

PEIRSON'S MILK-VETCH

PISMO CLARKIA

PISMO CLARKIA

PROSTRATE NAVARRETIA

PROSTRATE NAVARRETIA

RAZORBACK SUCKER

ROBUST SPINEFLOWER

ROBUST SPINEFLOWER

SALT MARSH BIRD'S-BEAK

SALT MARSH BIRD'S-BEAK

SALT MARSH HARVEST MOUSE

SALTMARSH WANDERING SHREW

SALTMARSH WANDERING SHREW

SAN DIEGO BUTTON-CELERY

SAN DIEGO BUTTON-CELERY

SAN DIEGO THORN MINT

SAN DIEGO THORN MINT

SAN FRANCISCO GARTER SNAKE

SAN JOAQUIN ADOBE SUNBURST

SAN JOAQUIN ADOBE SUNBURST

SAN JOAQUIN ADOBE SUNBURST

SAN JOAQUIN ANTELOPE SQUIRREL

SAN JOAQUIN ANTELOPE SQUIRREL

SAN JOAQUIN ANTELOPE SQUIRREL

SAN JOAQUIN KIT FOX

SAN JOAQUIN KIT FOX

SAN JOAQUIN KIT FOX

SAN JOAQUIN KIT FOX

SAN JOAQUIN VALLEY ORCUTT GRASS

SAN JOAQUIN VALLEY ORCUTT GRASS

SAN JOAQUIN VALLEY ORCUTT GRASS

SAN JOAQUIN VALLEY ORCUTT GRASS

SAN JOAQUIN WOOLLYTHREADS

SAN MATEO THORN MINT

SAND GILIA

SAND MESA MANZANITA

SAND MESA MANZANITA

SAND MESA MANZANITA

SANTA ANA RIVER WOOLLYSTAR

SANTA ANA RIVER WOOLLYSTAR

SANTA CLARA VALLEY DUDLEYA

SANTA CRUZ LONG TOED SALAMANDER

SANTA CRUZ LONG TOED SALAMANDER

SEASIDE BIRD'S-BEAK

SEBASTOPOL MEADOWFOAM

SEBASTOPOL MEADOWFOAM

SHORT-LOBED BROOMRAPE



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

BACILLUS THURINGIENSIS (BERLINER), SUBSP.  
KURSTAKI

SHORT-LOBED BROOMRAPE  
  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
SUCCULENT OWL'S-CLOVER  
SUCCULENT OWL'S-CLOVER  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
SACRAMENTO SPLITTAIL  
SACRAMENTO SPLITTAIL  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIDEWATER GOBY  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VALLEY ELDERBERRY LONGHORN BEETLE  
VALLEY ELDERBERRY LONGHORN BEETLE  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WESTERN SNOWY PLOVER  
WESTERN SNOWY PLOVER  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA  
YADON'S PIPERIA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BARBAN	RAZORBACK SUCKER
BENDIOCARB	CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN DEL MAR MANZANITA ENCINITAS BACCHARIS LAGUNA BEACH DUDLEYA LIGHT FOOTED CLAPPER RAIL METCALF CANYON JEWELFLOWER MONTEREY SPINEFLOWER SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SAN MATEO THORN MINT SANTA CRUZ LONG TOED SALAMANDER STEPHENS KANGAROO RAT TIDEWATER GOBY WESTERN SNOWY PLOVER
BENEFIN	ALEUTIAN CANADA GOOSE CALIFORNIA CLAPPER RAIL CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA RED-LEGGED FROG CONGDON'S TARPLANT DESERT PUPFISH FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE GREENE'S TUCTORIA HOOVER'S ERIASTRUM LIGHT FOOTED CLAPPER RAIL MONTEREY SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK PEIRSON'S MILK-VETCH SALT MARSH HARVEST MOUSE SALTMARSH WANDERING SHREW SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SANTA ANA RIVER WOOLLYSTAR THREAD-LEAVED BRODIAEA TIDEWATER GOBY WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
BENOMYL	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BALD EAGLE BLACK LEGLESS LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BENOMYL

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
PALLID MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BENOMYL

PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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BENSULFURON METHYL

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BUTTE COUNTY MEADOWFOAM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BENSULFURON METHYL

COLUSA GRASS  
CONSERVANCY FAIRY SHRIMP  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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BENSULIDE

CALIFORNIA CONDOR  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
MONTEREY SPINEFLOWER  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SEASIDE BIRD'S-BEAK  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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BENTAZON, SODIUM SALT

ARROYO SOUTHWESTERN TOAD  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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BENTONITE

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CONEJO DUDLEYA  
GREENE'S TUCTORIA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

BENTONITE

HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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BENZOIC ACID

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PACIFIC GROVE CLOVER  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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BENZOIC ACID

SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
SACRAMENTO SPLITTAIL  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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BIFENTHRIN

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

BIFENTHRIN

ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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BRODIFACOU

COAST LILY  
CONGDON'S TARPLANT  
POINT ARENA MOUNTAIN BEAVER  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX

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BROMACIL

BALD EAGLE  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
DELHI SANDS FLOWER-LOVING FLY  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
PENINSULAR BIGHORN SHEEP  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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BROMACIL

SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SANTA ANA RIVER WOOLLYSTAR  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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BROMADIOLONE

COAST LILY  
LIGHT FOOTED CLAPPER RAIL  
POINT ARENA MOUNTAIN BEAVER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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BROMOXYNIL OCTANOATE

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONGDON'S TARPLANT  
COYOTE CEANOTHUS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LARGE-FLOWERED FIDDLENECK  
LEAST BELLS VIREO  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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BROMOXYNIL OCTANOATE

METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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BUTOXY POLY PROPYLENE GLYCOL

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
TIDEWATER GOBY

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BUTYL ALCOHOL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CLARA HUNT'S MILK-VETCH  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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BUTYL ALCOHOL

GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
PISMO CLARKIA  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SONOMA SUNSHINE  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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BUTYLATE

ALEUTIAN CANADA GOOSE  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
LARGE-FLOWERED FIDDLENECK  
SAN JOAQUIN KIT FOX  
VALLEY ELDERBERRY LONGHORN BEETLE

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CACODYLIC ACID

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

CACODYLIC ACID

YUMA CLAPPER RAIL

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CALCIUM CHLORIDE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
SPRINGVILLE CLARKIA  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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CALCIUM HYDROXIDE

CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CONEJO DUDLEYA  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
NORTHERN SPOTTED OWL  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SHORTNOSE SUCKER  
STRIPED ADOBE LILY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

Pesticides Used In Proximity to Habitat  
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CALCIUM HYPOCHLORITE

BLACK LEGLESS LIZARD  
CONGDON'S TARPLANT  
MONTEREY SPINEFLOWER  
SAN FRANCISCO GARTER SNAKE  
SANTA CRUZ LONG TOED SALAMANDER  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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CAPSICUM OLEORESIN

CALIFORNIA GNATCATCHER  
DESERT TORTOISE  
STEPHENS KANGAROO RAT

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CAPTAN

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PISMO CLARKIA  
PITKIN MARSH LILY

Pesticides Used In Proximity to Habitat  
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CAPTAN

PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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CARBARYL

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER

Pesticides Used In Proximity to Habitat  
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CARBARYL

CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
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CARBARYL

SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
SPRINGVILLE CLARKIA  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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CARBO METHOXY ETHER CELLULOSE, SODIUM SALT

LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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CARBOFURAN

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
DESERT TORTOISE



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CARBOFURAN

FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
OREGON SILVERSPOT BUTTERFLY  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SHORTNOSE SUCKER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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CARBOLIC ACID

CHINOOK SALMON WINTER RUN  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SACRAMENTO SPLITTAIL

---

CARBON

ALAMEDA WHIPSNAKE  
CALIFORNIA GNATCATCHER  
SAN JOAQUIN KIT FOX

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CARBOXIN

BLUNT NOSED LEOPARD LIZARD  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX

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CASEIN

CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

CASEIN	CALIFORNIA JEWELFLOWER CONEJO DUDLEYA GREENE'S TUCTORIA HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS STRIPED ADOBE LILY SUCCULENT OWL'S-CLOVER VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP
CHLORAMBEN, AMMONIUM SALT	CALIFORNIA RED-LEGGED FROG
CHLORFLURENOL, METHYL ESTER	STEPHENS KANGAROO RAT
CHLORMEQUAT CHLORIDE	BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN DEL MAR MANZANITA ENCINITAS BACCHARIS GAMBEL'S WATERCRESS LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL MARSH SANDWORT MONTEREY SPINEFLOWER MOST BEAUTIFUL JEWELFLOWER NORTHERN SPOTTED OWL PROSTRATE NAVARRETIA SALT MARSH BIRD'S-BEAK SALT MARSH HARVEST MOUSE SALTMARSH WANDERING SHREW SAN DIEGO BUTTON-CELERY SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SAND MESA MANZANITA SANTA CLARA VALLEY DUDLEYA SONOMA SUNSHINE STEPHENS KANGAROO RAT TIDEWATER GOBY WESTERN SNOWY PLOVER WHITE SEDGE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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CHLOROPHACINONE

ALAMEDA WHIPSNAKE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CONGDON'S TARPLANT  
GREENE'S TUCTORIA  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SANTA ANA RIVER WOOLLYSTAR  
SANTA BARBARA JEWELFLOWER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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CHLOROPICRIN

ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

CHLOROPICRIN

HOOVER'S SPURGE  
KENWOOD MARSH CHECKERBLOOM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PALOS VERDES BLUE  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PITKIN MARSH LILY  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

CHLOROPICRIN

YADON'S PIPERIA

CHLOROTHALONIL

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ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BRAUNTON'S MILK-VETCH  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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CHLOROTHALONIL

OREGON SILVERSPOT BUTTERFLY  
OTAY MESA MINT  
OTAY TARPLANT  
PALLID MANZANITA  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

CHLOROTHALONIL

YADON'S PIPERIA  
YUMA CLAPPER RAIL

CHLOROXURON

CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

CHLORPYRIFOS

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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CHLORPYRIFOS

HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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CHLORPYRIFOS

SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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CHLORSULFURON

ARROYO SOUTHWESTERN TOAD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
LEAST BELLS VIREO  
MUNZ'S ONION  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUISUN SHREW

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CHLORTHAL-DIMETHYL

ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

CHLORTHAL-DIMETHYL

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT KANGAROO RAT  
HICKMAN'S ONION  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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CITRIC ACID

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

CITRIC ACID

CALIFORNIA JEWELFLOWER  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
SPRINGVILLE CLARKIA  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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CLETHODIM

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
YUMA CLAPPER RAIL

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CLOFENTEZENE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
FRESNO KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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CLOFENTEZENE	GIANT GARTER SNAKE
	GIANT KANGAROO RAT
	GREENE'S TUCTORIA
	HOOVER'S ERIASTRUM
	SAN JOAQUIN ADOBE SUNBURST
	SAN JOAQUIN KIT FOX
	SAN JOAQUIN VALLEY ORCUTT GRASS
	SAN JOAQUIN WOOLLYTHREADS
	SACRAMENTO SPLITTAIL
	VALLEY ELDERBERRY LONGHORN BEETLE
	VERNAL POOL FAIRY SHRIMP
COCONUT DIETHANOLAMIDE	CALIFORNIA LEAST TERN
	SALT MARSH BIRD'S-BEAK
	SAN JOAQUIN KIT FOX
	TIDEWATER GOBY
	WESTERN SNOWY PLOVER
CODLING MOTH GRANULOSIS VIRUS	SAN JOAQUIN KIT FOX
COMPOUNDED SILICONE	ALEUTIAN CANADA GOOSE
	BEACH LAYIA
	BLUNT NOSED LEOPARD LIZARD
	CHINOOK SALMON WINTER RUN
	CONGDON'S TARPLANT
	FRESNO KANGAROO RAT
	GIANT GARTER SNAKE
	GREENE'S TUCTORIA
	HAIRY ORCUTT GRASS
	HOOVER'S ERIASTRUM
	HOWELL'S SPINEFLOWER
	LOST RIVER SUCKER
	MONTEREY SPINEFLOWER
	NORTHERN SPOTTED OWL
	PALMATE-BRACTED BIRD'S-BEAK
	SAN JOAQUIN ANTELOPE SQUIRREL
	SAN JOAQUIN KIT FOX
	SAN JOAQUIN WOOLLYTHREADS
	SHORTNOSE SUCKER
	SONOMA ALOPECURUS
	SONOMA SUNSHINE
	SUCCULENT OWL'S-CLOVER
	SACRAMENTO SPLITTAIL
	TIPTON KANGAROO RAT
	VALLEY ELDERBERRY LONGHORN BEETLE
	WESTERN SNOWY PLOVER
	YUMA CLAPPER RAIL
COPPER	ALEUTIAN CANADA GOOSE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

COPPER	CALIFORNIA FRESHWATER SHRIMP CALIFORNIA RED-LEGGED FROG CONGDON'S TARPLANT GREENE'S TUCTORIA HOOVER'S SPURGE NORTHERN SPOTTED OWL SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS VERNAL POOL TADPOLE SHRIMP WHITE SEDGE
COPPER AMMONIUM CARBONATE	JOHNSTON'S ROCK CRESS
COPPER AMMONIUM COMPLEX	CALIFORNIA GNATCATCHER DEL MAR MANZANITA GIANT GARTER SNAKE GREENE'S TUCTORIA HARTWEG'S GOLDEN SUNBURST JOHNSTON'S ROCK CRESS LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL NORTHERN SPOTTED OWL SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX STEPHENS KANGAROO RAT SACRAMENTO SPLITTAIL TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER WHITE SEDGE
COPPER CARBONATE, BASIC	LEAST BELLS VIREO
COPPER ETHANOLAMINE COMPLEXES, MIXED	NORTHERN SPOTTED OWL WESTERN LILY
COPPER HYDROXIDE	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BALD EAGLE BAY CHECKERSPOOT BUTTERFLY BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS BUTTE COUNTY MEADOWFOAM CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

COPPER HYDROXIDE

CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAMING TRUMPET  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
KENWOOD MARSH CHECKERBLOOM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
MUNZ'S ONION  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
OREGON SILVERSPOT BUTTERFLY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

COPPER HYDROXIDE

OTAY MESA MINT  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

COPPER HYDROXIDE

VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WOLF'S EVENING-PRIMROSE  
YUMA CLAPPER RAIL

COPPER NAPHTHENATE

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
TIDEWATER GOBY

COPPER OXIDE (OUS)

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YADON'S PIPERIA

COPPER OXYCHLORIDE

BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PENNELLS BIRD'S-BEAK  
PITKIN MARSH LILY  
ROBUST SPINEFLOWER



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

COPPER OXYCHLORIDE

SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SUISUN SHREW  
VALLEY ELDERBERRY LONGHORN BEETLE  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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COPPER OXYCHLORIDE SULFATE

ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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COPPER OXYCHLORIDE SULFATE	WESTERN SNOWY PLOVER WHITE SEDGE
COPPER SALTS OF FATTY AND ROSIN ACIDS	BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA GNATCATCHER CALIFORNIA RED-LEGGED FROG COACHELLA VALLEY FRINGE TOED LIZARD CONGDON'S TARPLANT DESERT PUPFISH HOOVER'S ERIASTRUM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL LYON'S PENTACHAETA SALT MARSH BIRD'S-BEAK SAN JOAQUIN KIT FOX SONOMA ALOPECURUS SONOMA SUNSHINE STEPHENS KANGAROO RAT TIDEWATER GOBY VERITY'S DUDLEYA WESTERN SNOWY PLOVER
COPPER SODIUM SULFATE-PHOSPHATE COMPLEX	MORRO BAY KANGAROO RAT MORRO MANZANITA TIDEWATER GOBY
COPPER SULFATE (BASIC)	BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG CONEJO DUDLEYA CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS DESERT PUPFISH GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HARTWEG'S GOLDEN SUNBURST HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL MONTEREY SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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COPPER SULFATE (BASIC)

NORTHERN SPOTTED OWL  
PENNELLS BIRDS-BEAK  
PITKIN MARSH LILY  
ROBUST SPINEFLOWER  
SALT MARSH BIRDS-BEAK  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWLS-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITYS DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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COPPER SULFATE (PENTAHYDRATE)

AHARTS DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
COLUSA GRASS  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBELS WATERCRESS  
GIANT GARTER SNAKE  
GREENES TUCTORIA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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COPPER SULFATE (PENTAHYDRATE)

MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SLENDER ORCUTT GRASS  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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CORN PRODUCT, HYDROLYZED

BALD EAGLE  
CALIFORNIA GNATCATCHER  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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COTTONSEED FLOUR

BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CONGDON'S TARPLANT  
DEL MAR MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

COTTONSEED FLOUR

DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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COTTONSEED OIL

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

COTTONSEED OIL

GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LARGE-FLOWERED FIDDLENECK  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SEASIDE BIRD'S-BEAK  
SLENDER-HORNED SPINEFLOWER  
SONOMA SPINEFLOWER  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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CRYOLITE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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CRYOLITE

HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP

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CUBE' EXTRACTS

SANTA CRUZ LONG TOED SALAMANDER

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CYANAZINE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LARGE-FLOWERED FIDDLENECK  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YUMA CLAPPER RAIL

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CYCLOATE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
CALIFORNIA LEAST TERN  
COLUSA GRASS  
CONEJO DUDLEYA  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
PISMO CLARKIA

Pesticides Used In Proximity to Habitat  
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CYCLOATE

RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER

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CYFLUTHRIN

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST



Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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CYFLUTHRIN

SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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CYPERMETHRIN

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HAIRY ORCUTT GRASS  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
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CYPERMETHRIN

SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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DAMINOZIDE

BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA SEA BLITE  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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DAZOMET

CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

DAZOMET	CALIFORNIA ORCUTT GRASS
	DEL MAR MANZANITA
	ENCINITAS BACCHARIS
	LEAST BELLS VIREO
	METCALF CANYON JEWELFLOWER
	MONTEREY SPINEFLOWER
	ORCUTT'S SPINEFLOWER
	SAN DIEGO THORN MINT
	SANTA CRUZ LONG TOED SALAMANDER
	SHORT-LOBED BROOMRAPE
	STEPHENS KANGAROO RAT
DDVP	CALIFORNIA CLAPPER RAIL
	SALT MARSH HARVEST MOUSE
	SALTMARSH WANDERING SHREW
DEET	MOST BEAUTIFUL JEWELFLOWER
	SANTA CLARA VALLEY DUDLEYA
DEMETON	BLACK LEGLESS LIZARD
	MONTEREY SPINEFLOWER
	PISMO CLARKIA
	SAN FRANCISCO GARTER SNAKE
	SANTA CRUZ LONG TOED SALAMANDER
	TIDEWATER GOBY
DESMEDIPHAM	WESTERN SNOWY PLOVER
	ALEUTIAN CANADA GOOSE
	FLAT TAILED HORNED LIZARD
	GIANT GARTER SNAKE
	LOST RIVER SUCKER
	PALMATE-BRACTED BIRD'S-BEAK
	SAN JOAQUIN KIT FOX
	SHORTNOSE SUCKER
	SACRAMENTO SPLITTAIL
	VALLEY ELDERBERRY LONGHORN BEETLE
	VERNAL POOL FAIRY SHRIMP
	VERNAL POOL TADPOLE SHRIMP
	WESTERN SNOWY PLOVER
	YUMA CLAPPER RAIL
DEXTRIN	CALIFORNIA GNATCATCHER
DI-CAPRYL SODIUM SULFOSUCCINATE	ALEUTIAN CANADA GOOSE
	BALD EAGLE
	BLUNT NOSED LEOPARD LIZARD
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA CONDOR
	CALIFORNIA FRESHWATER SHRIMP
	CALIFORNIA JEWELFLOWER

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DI-CAPRYL SODIUM SULFOSUCCINATE

CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONTRA COSTA GOLDFIELDS  
FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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DIALKYL BENZENE DICARBOXYLATE

CONGDON'S TARPLANT  
SANTA CRUZ LONG TOED SALAMANDER

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DIAMMONIUM PHOSPHATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
COLUSA GRASS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
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DIAMMONIUM PHOSPHATE

SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
VALLEY ELDERBERRY LONGHORN BEETLE  
YUMA CLAPPER RAIL

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DIATOMACEOUS EARTH

BLUNT NOSED LEOPARD LIZARD  
GIANT KANGAROO RAT  
MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX  
SANTA CRUZ LONG TOED SALAMANDER

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DIAZINON

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAMING TRUMPET  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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DIAZINON

GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
OTAY TARPLANT  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PALLID MANZANITA  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PISMO CLARKIA  
PITKIN MARSH LILY  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS

Pesticides Used In Proximity to Habitat  
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DIAZINON

SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DICAMBA

SAN FRANCISCO GARTER SNAKE

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DICAMBA, DIMETHYLAMINE SALT

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

DICAMBA, DIMETHYLAMINE SALT

CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONEJO DUDLEYA  
COYOTE CEANOTHUS  
CONSERVANCY FAIRY SHRIMP  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
PACIFIC GROVE CLOVER  
PROSTRATE NAVARRETIA  
SAN DIEGO THORN MINT  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CLARA VALLEY DUDLEYA  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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DICAMBA, DIMETHYLAMINE SALT

VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DICHLORBENIL

CALISTOGA POPCORN-FLOWER

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DICLOFOP-METHYL

BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CHINOOK SALMON WINTER RUN  
GIANT GARTER SNAKE  
LOST RIVER SUCKER  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SACRAMENTO SPLITTAIL  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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DICLORAN

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
STEPHENS KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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DICLORAN

TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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DICOFOL

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER

Pesticides Used In Proximity to Habitat  
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DICOFOL

ROBUST SPINEFLOWER  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DICROTOPHOS

SAN JOAQUIN KIT FOX

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DIDECYL DIMETHYL AMMONIUM CHLORIDE

CALIFORNIA GNATCATCHER  
DEL MAR MANZANITA  
LIGHT FOOTED CLAPPER RAIL  
ORCUTT'S SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

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DIENOCHLOR

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS

Pesticides Used In Proximity to Habitat  
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DIENOCHLOR

CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT

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DIENOCHLOR

THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WILLOWY MONARDELLA  
YADON'S PIPERIA

DIETHATYL-ETHYL

CALIFORNIA CLAPPER RAIL  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

DIETHYLAMINE SALT OF COCONUT FATTY ACID

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
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DIETHYLAMINE SALT OF COCONUT FATTY ACID

MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DIETHYLENE GLYCOL ABIETATE

---

FLAT TAILED HORNED LIZARD

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DIFENZOQUAT METHYL SULFATE

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ALEUTIAN CANADA GOOSE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

DIFENZOQUAT METHYL SULFATE	CALIFORNIA CLAPPER RAIL CHINOOK SALMON WINTER RUN GIANT GARTER SNAKE LOST RIVER SUCKER PALMATE-BRACTED BIRD'S-BEAK SAN JOAQUIN KIT FOX SHORTNOSE SUCKER STEPHENS KANGAROO RAT WESTERN SNOWY PLOVER
DIFLUBENZURON	BLACK LEGLESS LIZARD CALIFORNIA RED-LEGGED FROG CHINOOK SALMON WINTER RUN CONGDON'S TARPLANT GIANT GARTER SNAKE MONTEREY SPINEFLOWER SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SANTA CRUZ LONG TOED SALAMANDER TIDEWATER GOBY TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP WESTERN SNOWY PLOVER
DIGLYCERIDES OF FATTY ACIDS	SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX STRIPED ADOBE LILY
DIKEGULAC SODIUM	CALIFORNIA GNATCATCHER SAN FRANCISCO GARTER SNAKE
DIMETHIPIN	GIANT GARTER SNAKE
DIMETHOATE	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BAY CHECKERSPOT BUTTERFLY BEACH SPECTACLEPOD BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CALISTOGA POPCORN-FLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

DIMETHOATE

CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT CYMOPTERUS  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

DIMETHOATE

SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DIMETHYL POLY SILOXANE

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

DIMETHYL POLY SILOXANE

CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

DIMETHYL POLY SILOXANE

SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DIMETHYL SILICONE FLUID EMULSION

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CHINOOK SALMON WINTER RUN  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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DIMETHYL SILICONE FLUID EMULSION

SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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DINOCAP

CALIFORNIA GNATCATCHER  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SAN FRANCISCO GARTER SNAKE

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DINOSEB

BLUNT NOSED LEOPARD LIZARD  
SAN JOAQUIN KIT FOX  
TIPTON KANGAROO RAT

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DIOCTYL DIMETHYL AMMONIUM CHLORIDE

CALIFORNIA GNATCATCHER  
DEL MAR MANZANITA  
LIGHT FOOTED CLAPPER RAIL  
ORCUTT'S SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

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DIOCTYL PHTHALATE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
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DIOCTYL PHTHALATE

MARSH SANDWORT  
MONTEREY SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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DIOCTYL SODIUM SULFOSUCCINATE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
OTAY MESA MINT

Pesticides Used In Proximity to Habitat  
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DIOCTYL SODIUM SULFOSUCCINATE

OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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DIOXATHION

CALIFORNIA CLAPPER RAIL  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW

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DIPHACINONE

ALAMEDA WHIPSNAKE  
BALD EAGLE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DELHI SANDS FLOWER-LOVING FLY  
DESERT PUPFISH  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
JOHNSTON'S ROCK CRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
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DIPHACINONE

LONGHORN FAIRY SHRIMP  
LYON'S PENTACHAETA  
MORRO BAY KANGAROO RAT  
NEVIN'S BARBERRY  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PROSTRATE NAVARRETIA  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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DIPROPYL ISOCINCHOMERONATE

MOST BEAUTIFUL JEWELFLOWER  
SANTA CLARA VALLEY DUDLEYA

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DIQUAT DIBROMIDE

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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DIQUAT DIBROMIDE

FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
HICKMAN'S CINQUEFOIL  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
WILLOWY MONARDELLA

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DISULFOTON

BALD EAGLE  
BLACK LEGLESS LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS



Pesticides Used In Proximity to Habitat  
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DISULFOTON

HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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DIURON

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BEACH LAYIA  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DELHI SANDS FLOWER-LOVING FLY  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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DIURON

FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
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DODECYL PHENOXY BENZENE SULFONIC ACID, SODIUM SALT	DESERT TORTOISE
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	RAZORBACK SUCKER
	YUMA CLAPPER RAIL

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DODECYLBENZENE SULFONIC ACID

	ALEUTIAN CANADA GOOSE
	ARROYO SOUTHWESTERN TOAD
	BAY CHECKERSPOT BUTTERFLY
	BEACH SPECTACLEPOD
	BEN LOMOND SPINEFLOWER
	BLACK LEGLESS LIZARD
	BLUNT NOSED LEOPARD LIZARD
	BURKE'S GOLDFIELDS
	BUTTE COUNTY MEADOWFOAM
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA GNATCATCHER
	CALIFORNIA JEWELFLOWER
	CALIFORNIA LEAST TERN
	CALIFORNIA ORCUTT GRASS
	CALIFORNIA RED-LEGGED FROG
	CALLIPPE SILVERSPOT BUTTERFLY
	CHINOOK SALMON WINTER RUN
	COHO SALMON
	CONEJO DUDLEYA
	CONGDON'S TARPLANT
	DEL MAR MANZANITA
	DESERT PUPFISH
	ENCINITAS BACCHARIS
	GAMBEL'S WATERCRESS
	GIANT GARTER SNAKE
	GIANT KANGAROO RAT
	GREENE'S TUCTORIA
	HAIRY ORCUTT GRASS
	HOOVER'S ERIASTRUM
	HOOVER'S SPURGE
	LEAST BELLS VIREO
	LIGHT FOOTED CLAPPER RAIL
	LYON'S PENTACHAETA
	MARSH SANDWORT
	MONTEREY SPINEFLOWER
	NEVIN'S BARBERRY
	ORCUTT'S SPINEFLOWER
	PACIFIC POCKET MOUSE
	PALMATE-BRACTED BIRD'S-BEAK
	PARISH'S MEADOWFOAM
	PISMO CLARKIA
	PROSTRATE NAVARRETIA
	ROBUST SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

DODECYLBENZENE SULFONIC ACID

SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SANTA MONICA MTNS DUDLEYA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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DODEMORPH ACETATE

BLACK LEGLESS LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
ORCUTT'S SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

DODEMORPH ACETATE

SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SHORT-LOBED BROOMRAPE  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

DRY MILK SOLIDS

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CONEJO DUDLEYA  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS

E,E-8,10-DODECADIEN-1-OL

BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
HICKMAN'S CINQUEFOIL  
JOHNSTON'S ROCK CRESS  
PITKIN MARSH LILY  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SEBASTOPOL MEADOWFOAM  
SONOMA ALOPECURUS  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
WHITE SEDGE

E-8-DODECENYL ACETATE

FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX

EDTA, SODIUM SALT

ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

EDTA, SODIUM SALT

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
STRIPED ADOBE LILY  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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EDTA, TETRASODIUM SALT

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

EDTA, TETRASODIUM SALT

LYON'S PENTACHAETA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SANTA MONICA MTNS DUDLEYA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

EMULSIFIABLE A-C POLYETHYLENE

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONTRA COSTA GOLDFIELDS  
GIANT GARTER SNAKE  
MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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ENCAPSULATED DELTA ENDOTOXIN OF BACILLUS  
THURINGIN

BLACK LEGLESS LIZARD  
  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHOWY INDIAN CLOVER  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ENDOSULFAN

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG



Pesticides Used In Proximity to Habitat  
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ENDOSULFAN

COACHELLA VALLEY FRINGE TOED LIZARD  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LIGHT FOOTED CLAPPER RAIL  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SEASIDE BIRD'S-BEAK  
SLENDER-HORNED SPINEFLOWER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ENDOTHALL, DIPOTASSIUM SALT

ALEUTIAN CANADA GOOSE  
GIANT GARTER SNAKE  
SAN JOAQUIN KIT FOX  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE]  
SALT

ALEUTIAN CANADA GOOSE  
  
BLUNT NOSED LEOPARD LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE]  
SALT

COLUSA GRASS  
  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
YUMA CLAPPER RAIL

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EPN

SAN JOAQUIN KIT FOX

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EPTC

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SHORTNOSE SUCKER  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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EPTC	TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
ESFENVALERATE	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BEACH SPECTACLEPOD BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CHINOOK SALMON WINTER RUN COACHELLA VALLEY FRINGE TOED LIZARD COAST LILY COHO SALMON COLUSA GRASS CONEJO DUDLEYA CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS DEL MAR MANZANITA DESERT PUFFISH FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GAMBEL'S WATERCRESS GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HARTWEG'S GOLDEN SUNBURST HOOVER'S ERIASTRUM HOOVER'S SPURGE LARGE-FLOWERED FIDDLENECK LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL LYON'S PENTACHAETA MARSH SANDWORT METCALF CANYON JEWELFLOWER MONTEREY SPINEFLOWER MORRO BAY KANGAROO RAT MORRO MANZANITA

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ESFENVALERATE

NORTHERN SPOTTED OWL  
OTAY MESA MINT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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ETHALFLURALIN

ARROYO SOUTHWESTERN TOAD  
CALIFORNIA JEWELFLOWER  
CONTRA COSTA GOLDFIELDS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
MONTEREY SPINEFLOWER  
RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SUISUN SHREW

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ETHALFLURALIN

SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
YUMA CLAPPER RAIL

ETHEPHON

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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ETHION	SAN JOAQUIN KIT FOX
ETHOFUMESATE	ALEUTIAN CANADA GOOSE COLUSA GRASS CONGDON'S TARPLANT FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE LOST RIVER SUCKER PALMATE-BRACTED BIRD'S-BEAK SAN JOAQUIN KIT FOX SHORTNOSE SUCKER STEPHENS KANGAROO RAT WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
ETHOPROP	ARROYO SOUTHWESTERN TOAD CALIFORNIA LEAST TERN COAST LILY CONTRA COSTA GOLDFIELDS LEAST BELLS VIREO LOST RIVER SUCKER MARSH SANDWORT SAN JOAQUIN KIT FOX SAND MESA MANZANITA SHORT-LOBED BROOMRAPE SHORTNOSE SUCKER SLENDER-HORNED SPINEFLOWER WESTERN SNOWY PLOVER
ETHOXYLATED ALKYLPHENOL	SAN JOAQUIN KIT FOX
ETHOXYLATED LINEAR ALCOHOLS	BLACK LEGLESS LIZARD FLAT TAILED HORNED LIZARD MONTEREY SPINEFLOWER SALT MARSH BIRD'S-BEAK SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SANTA CRUZ LONG TOED SALAMANDER TIDEWATER GOBY WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
ETHYL ACRYLATE	BEACH LAYIA
ETHYL ALCOHOL	FLAT TAILED HORNED LIZARD
FATTY ACID AND PHOSPHATIC	LIGHT FOOTED CLAPPER RAIL SALT MARSH BIRD'S-BEAK TIDEWATER GOBY WESTERN SNOWY PLOVER

Pesticides Used In Proximity to Habitat  
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FATTY ACIDS, MIXED

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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FENAMINOSULF

DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
MARSH SANDWORT

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FENAMIPHOS

ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

FENAMIPHOS

CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
PISMO CLARKIA  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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FENARIMOL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

FENARIMOL

DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARCESCENT DUDLEYA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

FENARIMOL

THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA

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FENBUTATIN-OXIDE

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
PACIFIC POCKET MOUSE  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

FENBUTATIN-OXIDE

SALT MARSH HARVEST MOUSE  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN MATEO THORN MINT  
SAND GILIA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA

FENOXAPROP ETHYL

ALEUTIAN CANADA GOOSE  
COLUSA GRASS  
GIANT GARTER SNAKE  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL TADPOLE SHRIMP

FENPROPATHRIN

FLAT TAILED HORNED LIZARD  
RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
YUMA CLAPPER RAIL

FERRIC SULFATE (ANHYDROUS)

CALIFORNIA FRESHWATER SHRIMP

FERROUS SULFATE

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

FERROUS SULFATE

GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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FLUAZIFOP-BUTYL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA ANA RIVER WOOLLYSTAR  
SHORTNOSE SUCKER  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
YUMA CLAPPER RAIL

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FLUOMETURON

DEL MAR MANZANITA  
ENCINITAS BACCHARIS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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FLUOMETURON

LIGHT FOOTED CLAPPER RAIL  
SALT MARSH BIRD'S-BEAK  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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FLURECOL-METHYL

STEPHENS KANGAROO RAT

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FONOFOS

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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FORMETANATE HYDROCHLORIDE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
METCALF CANYON JEWELFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL

Pesticides Used In Proximity to Habitat  
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FORMETANATE HYDROCHLORIDE

TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WHITE SEDGE  
YUMA CLAPPER RAIL

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FOSETYL-AL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOUT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
LAGUNA BEACH DUDLEYA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA

Pesticides Used In Proximity to Habitat  
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FOSETYL-AL

RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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FREE FATTY ACIDS AND/OR AMINE SALTS

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
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FREE FATTY ACIDS AND/OR AMINE SALTS

CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DESERT PUFFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUISUN SHREW



Pesticides Used In Proximity to Habitat  
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FREE FATTY ACIDS AND/OR AMINE SALTS

THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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GARLIC

BLACK LEGLESS LIZARD  
CONGDON'S TARPLANT  
DESERT TORTOISE  
GAMBEL'S WATERCRESS  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX  
SLENDER-HORNED SPINEFLOWER  
WESTERN SNOWY PLOVER

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GIBBERELLINS

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
MUNZ'S ONION  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PROSTRATE NAVARRETIA  
SALT MARSH BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
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GIBBERELLINS	SALTMARSH WANDERING SHREW SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SAN MATEO THORN MINT SANTA ANA RIVER WOOLLYSTAR STEPHENS KANGAROO RAT STRIPED ADOBE LILY THREAD-LEAVED BRODIAEA TIDEWATER GOBY TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER
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GIBBERELLINS, POTASSIUM SALT	CALIFORNIA RED-LEGGED FROG SAN JOAQUIN KIT FOX
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GLIOCLADIUM VIRENS GL-21 (SPORES)	CALIFORNIA GNATCATCHER DEL MAR MANZANITA ENCINITAS BACCHARIS LEAST BELLS VIREO METCALF CANYON JEWELFLOWER ORCUTT'S SPINEFLOWER SHORT-LOBED BROOMRAPE STEPHENS KANGAROO RAT
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GLUTARALDEHYDE	SAN FRANCISCO GARTER SNAKE
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GLYCOL ETHERS	CONGDON'S TARPLANT LEAST BELLS VIREO SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SANTA CRUZ LONG TOED SALAMANDER SHOWY INDIAN CLOVER STEPHENS KANGAROO RAT
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GLYPHOSATE, ISOPROPYLAMINE SALT	AHART'S DWARF RUSH ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BALD EAGLE BAY CHECKERSPOT BUTTERFLY BEACH LAYIA BEN LOMOND SPINEFLOWER BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD
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Pesticides Used In Proximity to Habitat  
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GLYPHOSATE, ISOPROPYLAMINE SALT

BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DELHI SANDS FLOWER-LOVING FLY  
DESERT PUFFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
JOHNSTON'S ROCK CRESS  
KENWOOD MARSH CHECKERBLOOM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MANY-FLOWERED NAVARRETIA

Pesticides Used In Proximity to Habitat  
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GLYPHOSATE, ISOPROPYLAMINE SALT

MARIPOSA LUPINE  
MARIPOSA PUSSYPAWS  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC MANZANITA  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

GLYPHOSATE, ISOPROPYLAMINE SALT

SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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GLYPHOSATE, MONOAMMONIUM SALT

CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
SAN DIEGO THORN MINT  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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HEXAZINONE

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

HEXAZINONE

COLUSA GRASS  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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HYDROGEN CYANAMIDE

COACHELLA VALLEY FRINGE TOED LIZARD  
DESERT PUFFISH  
PENINSULAR BIGHORN SHEEP

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IBA

BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
PACIFIC POCKET MOUSE  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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IMAZETHAPYR, AMMONIUM SALT

BLUNT NOSED LEOPARD LIZARD  
DESERT PUFFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
HOOVER'S SPURGE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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IMAZETHAPYR, AMMONIUM SALT

RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
YUMA CLAPPER RAIL

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IMIDACLOPRID

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

IMIDACLOPRID

OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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IPRODIONE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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IPRODIONE

CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
INDIAN KNOB MOUNTAINBALM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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IPRODIONE

NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALLID MANZANITA  
PEIRSON'S MILK-VETCH  
PENNEL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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IPRODIONE

TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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ISOOCTYL PHTHALATE

BLACK LEGLESS LIZARD  
CONGDON'S TARPLANT  
MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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ISOPROPYL ALCOHOL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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ISOPROPYL ALCOHOL

DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
INDIAN KNOB MOUNTAINBALM  
LARGE-FLOWERED FIDDLENECK  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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ISOPROPYL ALCOHOL

SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SANTA MONICA MTNS DUDLEYA  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

KEROSENE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PACIFIC GROVE CLOVER  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
SACRAMENTO SPLITTAIL  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

KEROSENE

WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

KINOPRENE

BAY CHECKERSPOT BUTTERFLY  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
CONEJO DUDLEYA  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

KINOPRENE	TIDEWATER GOBY WESTERN LILY WESTERN SNOWY PLOVER YADON'S PIPERIA
LACTOSE	CALIFORNIA CONDOR CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CONEJO DUDLEYA GREENE'S TUCTORIA HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS STRIPED ADOBE LILY SUCCULENT OWL'S-CLOVER VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP
LAURYL ALCOHOL	JOHNSTON'S ROCK CRESS SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SACRAMENTO SPLITTAIL VALLEY ELDERBERRY LONGHORN BEETLE WHITE SEDGE
LIGNIN SULFONIC ACID	GAMBEL'S WATERCRESS MARSH SANDWORT SAN JOAQUIN KIT FOX SAND MESA MANZANITA
LIGNIN SULFONIC ACID, MANGANESE SALT	SAN JOAQUIN KIT FOX
LIGNIN SULFONIC ACID, METAL SALTS	BLACK LEGLESS LIZARD MONTEREY SPINEFLOWER SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX TIDEWATER GOBY WESTERN SNOWY PLOVER
LIME	SAN JOAQUIN KIT FOX VALLEY ELDERBERRY LONGHORN BEETLE
LIME-SULFUR	BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA FRESHWATER SHRIMP



Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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LIME-SULFUR

CALIFORNIA RED-LEGGED FROG  
COAST LILY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
HICKMAN'S CINQUEFOIL  
LEAST BELLS VIREO  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PENNELLS BIRDS-BEAK  
PITKIN MARSH LILY  
ROBUST SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SANTA CRUZ CYPRESS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STRIPED ADOBE LILY  
SUISUN SHREW  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WHITE SEDGE

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LIMONENE

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
GREENES TUCTORIA  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER

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LINDANE

ALAMEDA WHIPSNAKE  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
JOHNSTONS ROCK CRESS  
LEAST BELLS VIREO  
LYONS PENTACHAETA  
MORRO BAY KANGAROO RAT  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
PISMO CLARKIA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

LINDANE	RAZORBACK SUCKER SALT MARSH BIRD'S-BEAK SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SAND MESA MANZANITA SANTA MONICA MTNS DUDLEYA STRIPED ADOBE LILY SACRAMENTO SPLITTAIL TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
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LINOLEIC ACID	SAN JOAQUIN KIT FOX
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LINOLENIC ACID	SAN JOAQUIN KIT FOX
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LINURON	ARROYO SOUTHWESTERN TOAD BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CONGDON'S TARPLANT DESERT PUFFISH FLAT TAILED HORNED LIZARD GAMBEL'S WATERCRESS GIANT KANGAROO RAT HOOVER'S ERIASTRUM LIGHT FOOTED CLAPPER RAIL MARSH SANDWORT MONTEREY SPINEFLOWER MORRO BAY KANGAROO RAT MORRO MANZANITA PEIRSON'S MILK-VETCH ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SAND MESA MANZANITA SANTA CRUZ LONG TOED SALAMANDER SHORT-LOBED BROOMRAPE TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA
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Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

LINURON

WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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MAGNESIUM SULFATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LARGE-FLOWERED FIDDLENECK  
LONGHORN FAIRY SHRIMP  
METCALF CANYON JEWELFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SEASIDE BIRD'S-BEAK  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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MALATHION

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MALATHION

CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MALATHION	SAN JOAQUIN VALLEY ORCUTT GRASS
	SAN JOAQUIN WOOLLYTHREADS
	SAN MATEO THORN MINT
	SAND GILIA
	SAND MESA MANZANITA
	SANTA ANA RIVER WOOLLYSTAR
	SANTA CLARA VALLEY DUDLEYA
	SANTA CRUZ CYPRESS
	SANTA CRUZ LONG TOED SALAMANDER
	SEASIDE BIRD'S-BEAK
	SEBASTOPOL MEADOWFOAM
	SHORT-LOBED BROOMRAPE
	SHORTNOSE SUCKER
	SHOWY INDIAN CLOVER
	SLENDER ORCUTT GRASS
	SLENDER-HORNED SPINEFLOWER
	SOFT BIRD'S-BEAK
	SONOMA ALOPECURUS
	SONOMA SUNSHINE
	STEPHENS KANGAROO RAT
	SUISUN SHREW
	SACRAMENTO SPLITTAIL
	THREAD-LEAVED BRODIAEA
	TIDEWATER GOBY
	TIPTON KANGAROO RAT
	VALLEY ELDERBERRY LONGHORN BEETLE
	VERITY'S DUDLEYA
	VERNAL POOL FAIRY SHRIMP
	WESTERN SNOWY PLOVER
	WHITE SEDGE
	WILLOWY MONARDELLA
	YADON'S PIPERIA
	YUMA CLAPPER RAIL
MALEIC HYDRAZIDE, POTASSIUM SALT	CONGDON'S TARPLANT
	HOOVER'S ERIASTRUM
	LOST RIVER SUCKER
	SAN JOAQUIN KIT FOX
	SHORTNOSE SUCKER
MALIC ACID	SAN JOAQUIN KIT FOX
	STEPHENS KANGAROO RAT
MANCOZEB	ALEUTIAN CANADA GOOSE
	BLACK LEGLESS LIZARD
	BLUNT NOSED LEOPARD LIZARD
	BURKE'S GOLDFIELDS
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA FRESHWATER SHRIMP

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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MANCOZEB

CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
KENWOOD MARSH CHECKERBLOOM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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MANCOZEB

SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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MANEB

ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MANEB

CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
INDIAN KNOB MOUNTAINBALM  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER



Pesticides Used In Proximity to Habitat  
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MANEB	SACRAMENTO SPLITTAIL THREAD-LEAVED BRODIAEA TIDEWATER GOBY TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER WHITE SEDGE YUMA CLAPPER RAIL
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MANGANESE SULFATE	BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALISTOGA POPCORN-FLOWER CHINOOK SALMON WINTER RUN CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS FLAT TAILED HORNED LIZARD GAMBEL'S WATERCRESS GIANT GARTER SNAKE GREENE'S TUCTORIA HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO LOST RIVER SUCKER MARSH SANDWORT MONTEREY SPINEFLOWER MOST BEAUTIFUL JEWELFLOWER NAPA BLUE GRASS NORTHERN SPOTTED OWL PENNELL'S BIRD'S-BEAK PITKIN MARSH LILY ROBUST SPINEFLOWER SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SAND MESA MANZANITA SANTA CRUZ LONG TOED SALAMANDER SEBASTOPOL MEADOWFOAM
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Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MANGANESE SULFATE

SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WHITE SEDGE

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MCPA, DIMETHYLAMINE SALT

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COAST LILY  
COLUSA GRASS  
CONGDON'S TARPLANT  
COYOTE CEANOTHUS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LARGE-FLOWERED FIDDLENECK  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA CLARA VALLEY DUDLEYA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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MCPA, DIMETHYLAMINE SALT

SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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MCPP, DIMETHYLAMINE SALT

BEACH LAYIA  
BLACK LEGLESS LIZARD  
CALIFORNIA GNATCATCHER  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
DESERT TORTOISE  
HICKMAN'S CINQUEFOIL  
LYON'S PENTACHAETA  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
PACIFIC GROVE CLOVER  
SAN DIEGO THORN MINT  
SAN JOAQUIN KIT FOX  
SAND GILIA  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDESTROM'S LUPINE  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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MEPIQUAT CHLORIDE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX

Pesticides Used In Proximity to Habitat  
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MEPIQUAT CHLORIDE	SAN JOAQUIN WOOLLYTHREADS TIPTON KANGAROO RAT VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
MERPHOS	SAN JOAQUIN KIT FOX
META-CRESOL	VALLEY ELDERBERRY LONGHORN BEETLE
METALAXYL	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BALD EAGLE BAY CHECKERSPOT BUTTERFLY BEACH SPECTACLEPOD BEN LOMOND SPINEFLOWER BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CALISTOGA POPCORN-FLOWER CALLIPPE SILVERSPOT BUTTERFLY CHINOOK SALMON WINTER RUN COACHELLA VALLEY FRINGE TOED LIZARD COAST LILY COHO SALMON COLUSA GRASS CONEJO DUDLEYA CONGDON'S TARPLANT DEL MAR MANZANITA DESERT PUPFISH ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GAMBEL'S WATERCRESS GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HICKMAN'S CINQUEFOIL HICKMAN'S ONION HOOVER'S ERIASTRUM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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METALAXYL

HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

METALAXYL

SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
WILLOWY MONARDELLA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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METALDEHYDE

AHART'S DWARF RUSH  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
HICKMAN'S CINQUEFOIL  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

METALDEHYDE

MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA

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METAM-SODIUM

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

METAM-SODIUM

CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUFFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
OREGON SILVERSPOT BUTTERFLY  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP



Pesticides Used In Proximity to Habitat  
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METAM-SODIUM

WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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METHAMIDOPHOS

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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METHAMIDOPHOS

SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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METHIDATHION

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
MUNZ'S ONION  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

Pesticides Used In Proximity to Habitat  
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METHIDATHION

WESTERN SNOWY PLOVER

METHIOCARB

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

METHOMYL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT

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METHOMYL

CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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METHOMYL

SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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METHOPRENE

CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
METCALF CANYON JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
SHORT-LOBED BROOMRAPE

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METHYL BROMIDE

ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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METHYL BROMIDE

DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
KENWOOD MARSH CHECKERBLOOM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PALOS VERDES BLUE  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER

Pesticides Used In Proximity to Habitat  
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METHYL BROMIDE

SLENDER ORCUTT GRASS  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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METHYL CELLULOSE

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FLAT TAILED HORNED LIZARD  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PROSTRATE NAVARRETIA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

METHYL CELLULOSE	TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE WESTERN SNOWY PLOVER
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METHYL METHACRYLATE	BEACH LAYIA
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METHYL PARATHION	ALEUTIAN CANADA GOOSE BAY CHECKERSPOT BUTTERFLY BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA JEWELFLOWER COLUSA GRASS CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS COYOTE CEANOTHUS CONSERVANCY FAIRY SHRIMP DESERT TORTOISE FRESNO KANGAROO RAT GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HOOVER'S ERIASTRUM HOOVER'S SPURGE LOST RIVER SUCKER MONTEREY SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK RAZORBACK SUCKER ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SAND GILIA SHORTNOSE SUCKER SUISUN SHREW SACRAMENTO SPLITTAIL TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
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METHYL SOYATE	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD BUTTE COUNTY MEADOWFOAM CALIFORNIA JEWELFLOWER CALIFORNIA RED-LEGGED FROG
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METHYL SOYATE

CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S SPURGE  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
YUMA CLAPPER RAIL

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METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBO  
XYLAT

STEPHENS KANGAROO RAT

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METOLACHLOR

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
HOOVER'S SPURGE  
MISSION BLUE BUTTERFLY  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SANTA ANA RIVER WOOLLYSTAR  
SHORT-LOBED BROOMRAPE  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL

Pesticides Used In Proximity to Habitat  
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METOLACHLOR

TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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METRIBUZIN

ALEUTIAN CANADA GOOSE  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
NORTHERN SPOTTED OWL  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YUMA CLAPPER RAIL

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MEVINPHOS

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA

Pesticides Used In Proximity to Habitat  
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MEVINPHOS

ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER

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MINERAL OIL

ALAMEDA WHIPSNAKE  
ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
DESERT PUPFISH  
DESERT TORTOISE  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MINERAL OIL

SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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MODIFIED PHTHALIC GLYCEROL ALKYD RESIN

ALEUTIAN CANADA GOOSE  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MODIFIED PHTHALIC GLYCEROL ALKYD RESIN

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PENNEL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

MODIFIED PHTHALIC GLYCEROL ALKYD RESIN

YADON'S PIPERIA  
YUMA CLAPPER RAIL

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MOLASSES

COACHELLA VALLEY FRINGE TOED LIZARD  
DESERT TORTOISE  
HARTWEG'S GOLDEN SUNBURST  
METCALF CANYON JEWELFLOWER  
SAN JOAQUIN KIT FOX  
SANTA ANA RIVER WOOLLYSTAR  
STEPHENS KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE

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MOLINATE

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BUTTE COUNTY MEADOWFOAM  
COLUSA GRASS  
CONSERVANCY FAIRY SHRIMP  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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MORPHOLINE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MORPHOLINE

OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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MSMA

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
RAZORBACK SUCKER  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
YUMA CLAPPER RAIL

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MYCLOBUTANIL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BLACK LEGLESS LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MYCLOBUTANIL

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
OTAY TARPLANT



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MYCLOBUTANIL

PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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MYRISTYL ALCOHOL

JOHNSTON'S ROCK CRESS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

MYRISTYL ALCOHOL	SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SACRAMENTO SPLITTAIL VALLEY ELDERBERRY LONGHORN BEETLE WHITE SEDGE
N,N-BIS-(2-(OMEGA-HYDROXPOLY(OXYETHYLENE) ETHYL))	CALIFORNIA JEWELFLOWER  GREENE'S TUCTORIA SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS
N-DIALKYL (60%C14, 30%C16, 5%C12, 5%C18) METHYL BE	CALIFORNIA GNATCATCHER
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	CALIFORNIA GNATCATCHER DEL MAR MANZANITA ENCINITAS BACCHARIS MOST BEAUTIFUL JEWELFLOWER SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SANTA CLARA VALLEY DUDLEYA SEBASTOPOL MEADOWFOAM SHOWY INDIAN CLOVER
NAA	BURKE'S GOLDFIELDS CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN LEAST BELLS VIREO SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SONOMA SUNSHINE WESTERN SNOWY PLOVER
NAA, AMMONIUM SALT	BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA JEWELFLOWER CHINOOK SALMON WINTER RUN COAST LILY CONTRA COSTA GOLDFIELDS GIANT GARTER SNAKE HOOVER'S ERIASTRUM NORTHERN SPOTTED OWL SAN JOAQUIN KIT FOX SUISUN SHREW SACRAMENTO SPLITTAIL VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP
NAA, ETHYL ESTER	GIANT GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

NAA, SODIUM SALT	PENNELL'S BIRD'S-BEAK
NALED	ALEUTIAN CANADA GOOSE BAY CHECKERSPOT BUTTERFLY BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG CALIFORNIA SEA BLITE CALLIPPE SILVERSPOT BUTTERFLY COLUSA GRASS CONEJO DUDLEYA CONGDON'S TARPLANT DEL MAR MANZANITA FRESNO KANGAROO RAT GAMBEL'S WATERCRESS GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HOOVER'S ERIASTRUM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL MARSH SANDWORT MONTEREY SPINEFLOWER MORRO BAY KANGAROO RAT MORRO MANZANITA PALMATE-BRACTED BIRD'S-BEAK PISMO CLARKIA ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SALTMARSH WANDERING SHREW SAN BRUNO ELFIN BUTTERFLY SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN DUNE BEETLE SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SAND GILIA SAND MESA MANZANITA SANTA ANA RIVER WOOLLYSTAR

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

NALED	SANTA CRUZ LONG TOED SALAMANDER SEASIDE BIRD'S-BEAK SHORT-LOBED BROOMRAPE STEPHENS KANGAROO RAT STRIPED ADOBE LILY SACRAMENTO SPLITTAIL THREAD-LEAVED BRODIAEA TIDEWATER GOBY TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YADON'S PIPERIA
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NAPROPAMIDE	ALEUTIAN CANADA GOOSE BEACH LAYIA BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD CALIFORNIA CLAPPER RAIL CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG CLARA HUNT'S MILK-VETCH CONEJO DUDLEYA CONGDON'S TARPLANT DESERT PUPFISH FLAT TAILED HORNED LIZARD GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S SPURGE LEAST BELLS VIREO MONTEREY SPINEFLOWER MOST BEAUTIFUL JEWELFLOWER NORTHERN SPOTTED OWL OREGON SILVERSPOT BUTTERFLY PALMATE-BRACTED BIRD'S-BEAK PITKIN MARSH LILY ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SALT MARSH HARVEST MOUSE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL
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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

NAPROPAMIDE

SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA CRUZ LONG TOED SALAMANDER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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NEODOL 91-6

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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NICOSULFURON

ALEUTIAN CANADA GOOSE  
CONSERVANCY FAIRY SHRIMP  
GIANT GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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NICOTINE

CALIFORNIA GNATCATCHER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

NICOTINE

CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
ORCUTT'S SPINEFLOWER  
ROBUST SPINEFLOWER  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN MATEO THORN MINT  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STICKY DUDLEYA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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NONANOIC ACID

CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
ORCUTT'S SPINEFLOWER  
SAN DIEGO THORN MINT  
SAN JOAQUIN KIT FOX  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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NONYL PHENOL POLY ETHYLENE ETHANOL

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA ORCUTT GRASS  
CHINOOK SALMON WINTER RUN  
COAST LILY  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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NONYL PHENOL POLY ETHYLENE ETHANOL

PARISH'S MEADOWFOAM  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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NONYL PHENOXY HYDROXYPOLY (OXYETHYLENE)

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

NONYL PHENOXY HYDROXYPOLY (OXYETHYLENE)

HOOVER'S SPURGE  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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NONYL PHENOXY POLY (ETHYLENE OXY) ETHANOL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

NONYL PHENOXY POLY (ETHYLENE OXY) ETHANOL

DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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NONYL PHENOXY POLY (ETHYLENE OXY) ETHANOL

VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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NOREA

MONTEREY SPINEFLOWER  
SAN JOAQUIN KIT FOX

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NORFLURAZON

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA ANA RIVER WOOLLYSTAR  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE

CALIFORNIA GNATCATCHER  
DEL MAR MANZANITA  
LIGHT FOOTED CLAPPER RAIL  
ORCUTT'S SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER

Pesticides Used In Proximity to Habitat  
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OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE

STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

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OCTYL PHENOXY POLY ETHOXY ETHANOL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO

Pesticides Used In Proximity to Habitat  
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OCTYL PHENOXY POLY ETHOXY ETHANOL

LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER ORCUTT GRASS  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER

Pesticides Used In Proximity to Habitat  
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OCTYL PHENOXY POLY ETHOXY ETHANOL

SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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OLEIC ACID

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST

Pesticides Used In Proximity to Habitat  
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OLEIC ACID

HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
INDIAN KNOB MOUNTAINBALM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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OLEIC ACID, METHYL ESTER	ALEUTIAN CANADA GOOSE
	BEACH LAYIA
	GIANT GARTER SNAKE
	GREENE'S TUCTORIA
	HOOVER'S ERIASTRUM
	LOST RIVER SUCKER
	SAN JOAQUIN KIT FOX
	SAN JOAQUIN WOOLLYTHREADS
	SHORTNOSE SUCKER
	SACRAMENTO SPLITTAIL
	VERNAL POOL TADPOLE SHRIMP
	WESTERN SNOWY PLOVER
OLEIC, LINOLEIC AND RESIN ACIDS, SODIUM SALTS	SAN JOAQUIN ADOBE SUNBURST
	SAN JOAQUIN KIT FOX
	STRIPED ADOBE LILY
ORTHO-BENZYL-PARA-CHLOROPHENOL, POTASSIUM SALT	CONGDON'S TARPLANT
ORTHO-BENZYL-PARA-CHLOROPHENOL, SODIUM SALT	LYON'S PENTACHAETA
	SANTA MONICA MTNS DUDLEYA
ORTHO-PHENYLPHENOL, POTASSIUM SALT	CONGDON'S TARPLANT
ORTHO-PHENYLPHENOL, SODIUM SALT	LYON'S PENTACHAETA
	SANTA MONICA MTNS DUDLEYA
ORYZALIN	AHART'S DWARF RUSH
	ALEUTIAN CANADA GOOSE
	ARROYO SOUTHWESTERN TOAD
	BALD EAGLE
	BLUNT NOSED LEOPARD LIZARD
	BURKE'S GOLDFIELDS
	CALIFORNIA CLAPPER RAIL
	CALIFORNIA FRESHWATER SHRIMP
	CALIFORNIA GNATCATCHER
	CALIFORNIA JEWELFLOWER
	CALIFORNIA LEAST TERN
	CALIFORNIA ORCUTT GRASS
	CALISTOGA POPCORN-FLOWER
	CHINOOK SALMON WINTER RUN
	CLARA HUNT'S MILK-VETCH
	COACHELLA VALLEY FRINGE TOED LIZARD
	COAST LILY
	COHO SALMON
	COLUSA GRASS
	CONTRA COSTA GOLDFIELDS
	DESERT PUPFISH

Pesticides Used In Proximity to Habitat  
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ORYZALIN

FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARIPOSA LUPINE  
MARIPOSA PUSSYPAWS  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PITKIN MARSH LILY  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY



Pesticides Used In Proximity to Habitat  
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ORYZALIN

TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA

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OXADIAZON

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BRAUNTON'S MILK-VETCH  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
COHO SALMON  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
HOWELL'S SPINEFLOWER  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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OXADIAZON

SUISUN SHREW  
TAHOE YELLOW CRESS  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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OXAMYL

ALEUTIAN CANADA GOOSE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN BRUNO ELFIN BUTTERFLY

Pesticides Used In Proximity to Habitat  
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OXAMYL

SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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OXYALKYLATED ALCOHOL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CONEJO DUDLEYA  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MOST BEAUTIFUL JEWELFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX

Pesticides Used In Proximity to Habitat  
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OXYALKYLATED ALCOHOL

SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SHORT-LOBED BROOMRAPE  
STRIPED ADOBE LILY  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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OXYCARBOXIN

CALIFORNIA GNATCATCHER  
COHO SALMON  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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OXYDEMETON-METHYL

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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OXYDEMETON-METHYL

SALTMARSH WANDERING SHREW  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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OXYFLUORFEN

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

OXYFLUORFEN

HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
PACIFIC MANZANITA  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

OXYFLUORFEN

SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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OXYTETRACYCLINE HYDROCHLORIDE

BURKE'S GOLDFIELDS  
GREENE'S TUCTORIA  
NORTHERN SPOTTED OWL  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
WHITE SEDGE

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OXYTETRACYCLINE, CALCIUM COMPLEX

BURKE'S GOLDFIELDS  
COAST LILY  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
WHITE SEDGE

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OXYTHIOQUINOX

ARROYO SOUTHWESTERN TOAD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA ORCUTT GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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OXYTHIOQUINOX

STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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PACLOBUTRAZOL

CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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PARA-TERT-AMYLPHENOL, POTASSIUM SALT

CONGDON'S TARPLANT

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PARAFFIN WAX

FLAT TAILED HORNED LIZARD

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PARAQUAT DICHLORIDE

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS



Pesticides Used In Proximity to Habitat  
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PARAQUAT DICHLORIDE

CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
OTAY MESA MINT  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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PARAQUAT DICHLORIDE

SLENDER ORCUTT GRASS  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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PARATHION

FLAT TAILED HORNED LIZARD  
GIANT KANGAROO RAT  
MONTEREY SPINEFLOWER  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PCNB

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
CONEJO DUDLEYA  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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PCNB	HOOVER'S ERIASTRUM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL MARSH SANDWORT METCALF CANYON JEWELFLOWER MONTEREY SPINEFLOWER MORRO BAY KANGAROO RAT MORRO MANZANITA NORTHERN SPOTTED OWL ORCUTT'S SPINEFLOWER PACIFIC POCKET MOUSE ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SALT MARSH HARVEST MOUSE SALTMARSH WANDERING SHREW SAN BRUNO ELFIN BUTTERFLY SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SAN MATEO THORN MINT SAND MESA MANZANITA SANTA CRUZ LONG TOED SALAMANDER SHORT-LOBED BROOMRAPE SLENDER-HORNED SPINEFLOWER SONOMA SUNSHINE STEPHENS KANGAROO RAT STICKY DUDLEYA TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
PEBULATE	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD CALIFORNIA LEAST TERN CONGDON'S TARPLANT DELTA GREEN GROUND BEETLE GIANT GARTER SNAKE MONTEREY SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK SALT MARSH BIRD'S-BEAK SAN JOAQUIN KIT FOX SACRAMENTO SPLITTAIL TIDEWATER GOBY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

PEBULATE	VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER
PELARGONIC ACID, OTHER RELATED	CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN DEL MAR MANZANITA ENCINITAS BACCHARIS ORCUTT'S SPINEFLOWER SAN DIEGO THORN MINT SAN JOAQUIN KIT FOX SHORT-LOBED BROOMRAPE STEPHENS KANGAROO RAT THREAD-LEAVED BRODIAEA WESTERN SNOWY PLOVER YADON'S PIPERIA
PENDIMETHALIN	ALEUTIAN CANADA GOOSE BAY CHECKERSPOT BUTTERFLY BLUNT NOSED LEOPARD LIZARD CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CALLIPPE SILVERSPOT BUTTERFLY CHINOOK SALMON WINTER RUN COACHELLA VALLEY FRINGE TOED LIZARD DEL MAR MANZANITA DESERT PUPFISH ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GIANT GARTER SNAKE GIANT KANGAROO RAT HOOVER'S ERIASTRUM HOOVER'S SPURGE LOST RIVER SUCKER MISSION BLUE BUTTERFLY MORRO BAY KANGAROO RAT PACIFIC MANZANITA PALMATE-BRACTED BIRD'S-BEAK PROSTRATE NAVARRETIA RAZORBACK SUCKER ROBUST SPINEFLOWER SAN BRUNO ELFIN BUTTERFLY SAN BRUNO MTN MANZANITA SAN DIEGO BUTTON-CELERY SAN DIEGO THORN MINT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PENDIMETHALIN

SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PERMETHRIN

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CHINOOK SALMON WINTER RUN  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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PERMETHRIN

LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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PERMETHRIN	YUMA CLAPPER RAIL
PETROLEUM DERIVATIVE RESIN	CALIFORNIA GNATCATCHER CALIFORNIA SEA BLITE SALTMARSH WANDERING SHREW TIDEWATER GOBY WESTERN SNOWY PLOVER
PETROLEUM DISTILLATES	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CONDOR CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG COACHELLA VALLEY FRINGE TOED LIZARD CONGDON'S TARPLANT DEL MAR MANZANITA ENCINITAS BACCHARIS GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HOOVER'S ERIASTRUM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL METCALF CANYON JEWELFLOWER NEVIN'S BARBERRY ORCUTT'S SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK RAZORBACK SUCKER SAN FRANCISCO GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN DUNE BEETLE SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SANTA ANA RIVER WOOLLYSTAR SHORT-LOBED BROOMRAPE SONOMA SUNSHINE STEPHENS KANGAROO RAT STRIPED ADOBE LILY SACRAMENTO SPLITTAIL TIDEWATER GOBY TIPTON KANGAROO RAT UNARMORED THREESPIKE STICKLEBACK VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP

Pesticides Used In Proximity to Habitat  
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PETROLEUM DISTILLATES

WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PETROLEUM DISTILLATES, AROMATIC

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
MARSH SANDWORT  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
OTAY TARPLANT  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SMITHS BLUE BUTTERFLY  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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PETROLEUM DISTILLATES, REFINED

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS



Pesticides Used In Proximity to Habitat  
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PETROLEUM DISTILLATES, REFINED

CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OTAY MESA MINT  
PACIFIC POCKET MOUSE  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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PETROLEUM HYDROCARBONS

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONGDON'S TARPLANT  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO

Pesticides Used In Proximity to Habitat  
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PETROLEUM HYDROCARBONS

LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PITKIN MARSH LILY  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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PETROLEUM OIL, PARAFFIN BASED

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONSERVANCY FAIRY SHRIMP  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PETROLEUM OIL, PARAFFIN BASED

FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SOFT BIRD'S-BEAK  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PETROLEUM OIL, UNCLASSIFIED

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEN LOMOND SPINEFLOWER  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

PETROLEUM OIL, UNCLASSIFIED

CHINOOK SALMON WINTER RUN  
COAST LILY  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
OTAY TARPLANT  
PENNELL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PETROLEUM OIL, UNCLASSIFIED

SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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PETROLEUM SULFONATES

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
TIDEWATER GOBY

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PHENMEDIPHAM

ALEUTIAN CANADA GOOSE  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
LOST RIVER SUCKER  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SHORTNOSE SUCKER  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PHORATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
DESERT PUPFISH  
FRESNO KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

PHORATE

GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
NORTHERN SPOTTED OWL  
OREGON SILVERSPOT BUTTERFLY  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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PHOSMET

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
DESERT CYMPTERUS  
DESERT TORTOISE  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PENNELLS BIRD'S-BEAK  
PITKIN MARSH LILY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
STEPHENS KANGAROO RAT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PHOSMET	SUISUN SHREW SACRAMENTO SPLITTAIL VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP VINE HILL CLARKIA WESTERN SNOWY PLOVER WHITE SEDGE
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PHOSPHAMIDON	VALLEY ELDERBERRY LONGHORN BEETLE
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PHOSPHATIDYLCHOLINE	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CLARA HUNT'S MILK-VETCH COLUSA GRASS CONTRA COSTA GOLDFIELDS FRESNO KANGAROO RAT GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL LOST RIVER SUCKER MOST BEAUTIFUL JEWELFLOWER NORTHERN SPOTTED OWL PALMATE-BRACTED BIRD'S-BEAK PENNELL'S BIRD'S-BEAK PITKIN MARSH LILY SALT MARSH BIRD'S-BEAK SALT MARSH HARVEST MOUSE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SEBASTOPOL MEADOWFOAM SHORTNOSE SUCKER SHOWY INDIAN CLOVER SONOMA ALOPECURUS SONOMA SUNSHINE STEPHENS KANGAROO RAT SUCCULENT OWL'S-CLOVER
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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PHOSPHATIDYLCHOLINE

TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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PHOSPHORIC ACID

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PHOSPHORIC ACID

HAIRY ORCUTT GRASS  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LARGE-FLOWERED FIDDLENECK  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
OREGON SILVERSPOT BUTTERFLY  
OTAY MESA MINT  
OTAY TARPLANT  
PACIFIC GROVE CLOVER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

PHOSPHORIC ACID

SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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PHOSPHOROUS

ALAMEDA WHIPSNAKE  
SAN JOAQUIN KIT FOX

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PINE OIL

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
TIDEWATER GOBY

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PIPERALIN

BLACK LEGLESS LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PIPERALIN

LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
ORCUTT'S SPINEFLOWER  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
WILLOWY MONARDELLA  
YADON'S PIPERIA

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PIPERONYL BUTOXIDE

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
KENWOOD MARSH CHECKERBLOOM  
LAHONTAN CUTTHROAT TROUT  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PIPERONYL BUTOXIDE

ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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PLASTIC POLYMERS

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
MARSH SANDWORT  
MOST BEAUTIFUL JEWELFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PLASTIC POLYMERS

SHORT-LOBED BROOMRAPE  
STRIPED ADOBE LILY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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POLY (METHYLENE PARA NONYLPHENOXY) - POLY  
(OXYPROP

BALD EAGLE  
  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CONTRA COSTA GOLDFIELDS  
HOOVER'S ERIASTRUM  
KENWOOD MARSH CHECKERBLOOM  
NORTHERN SPOTTED OWL  
RAZORBACK SUCKER  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
TREE-ANEMONE  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YUMA CLAPPER RAIL

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POLY-I-PARA-MENTHENE

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

POLY-I-PARA-MENTHENE

CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
OREGON SILVERSPOT BUTTERFLY  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

POLY-I-PARA-MENTHENE

SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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POLYACRYLAMIDE POLYMER

AHART'S DWARF RUSH  
ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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POLYACRYLAMIDE POLYMER

LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORTNOSE SUCKER  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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POLYALKENE OXIDE MODIFIED HEPTAMETHYL  
TRISILOXANE

ALEUTIAN CANADA GOOSE  
  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S SPURGE  
LOST RIVER SUCKER  
MARSH SANDWORT  
RAZORBACK SUCKER



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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POLYALKENE OXIDE MODIFIED HEPTAMETHYL  
TRISILOXANE

SAN JOAQUIN ANTELOPE SQUIRREL  
  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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POLYALKYLENE ETHER

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
MARSH SANDWORT  
PISMO CLARKIA  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
STEPHENS KANGAROO RAT  
WESTERN SNOWY PLOVER

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POLYAMINE POLYMER

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MONTEREY SPINEFLOWER  
MUNZ'S ONION  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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POLYAMINE POLYMER	WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
POLYHYDRIC ALCOHOLS	DESERT TORTOISE RAZORBACK SUCKER YUMA CLAPPER RAIL
POLYOXYETHYLENE DINONYL PHENOL	CALIFORNIA JEWELFLOWER GREENE'S TUCTORIA SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS
POLYOXYETHYLENE MIXED FATTY ACID ESTER	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BALD EAGLE BLUNT NOSED LEOPARD LIZARD CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CHINOOK SALMON WINTER RUN COACHELLA VALLEY FRINGE TOED LIZARD COLUSA GRASS CONSERVANCY FAIRY SHRIMP DEL MAR MANZANITA DESERT PUPFISH ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GIANT GARTER SNAKE GIANT KANGAROO RAT GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM HOOVER'S SPURGE LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL LOST RIVER SUCKER MONTEREY SPINEFLOWER NORTHERN SPOTTED OWL ORCUTT'S SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK PENINSULAR BIGHORN SHEEP RAZORBACK SUCKER SALT MARSH BIRD'S-BEAK SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
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POLYOXYETHYLENE MIXED FATTY ACID ESTER

SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SOFT BIRD'S-BEAK  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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POLYOXYETHYLENE POLYMER

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
PALMATE-BRACTED BIRD'S-BEAK  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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POLYOXYETHYLENE POLYPROPPOXY PROPANOL

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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POLYOXYETHYLENE POLYPROPOXY PROPANOL

COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
ORCUTT'S SPINEFLOWER  
PEIRSON'S MILK-VETCH  
PENINSULAR BIGHORN SHEEP  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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POLYOXYETHYLENE SORBITAL, MIXED ETHYL ESTER

BLUNT NOSED LEOPARD LIZARD  
DELTA GREEN GROUND BEETLE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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POLYOXYETHYLENE SORBITAL, MIXED ETHYL ESTER

GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX

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POLYSACCHARIDE POLYMER

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
MONTEREY SPINEFLOWER  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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POLYVINYL POLYMER

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SHORTNOSE SUCKER

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POTASH SOAP

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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POTASH SOAP

BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CLARA HUNT'S MILK-VETCH  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SAND MESA MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

POTASH SOAP	SANTA CRUZ LONG TOED SALAMANDER SEASIDE BIRD'S-BEAK SEBASTOPOL MEADOWFOAM SHORT-LOBED BROOMRAPE SHOWY INDIAN CLOVER SLENDER-HORNED SPINEFLOWER SMITHS BLUE BUTTERFLY SOFT BIRD'S-BEAK SONOMA ALOPECURUS SONOMA SPINEFLOWER SONOMA SUNSHINE STEPHENS KANGAROO RAT SUISUN SHREW SACRAMENTO SPLITTAIL THREAD-LEAVED BRODIAEA TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP WESTERN SNOWY PLOVER WHITE SEDGE WHITE-RAYED PENTACHAETA YADON'S PIPERIA
POTASSIUM HYDROXIDE	SAN JOAQUIN KIT FOX
POTASSIUM NITRATE	CALIFORNIA GNATCATCHER
PRODIAMINE	SAN FRANCISCO GARTER SNAKE
PROFENOFOS	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD COLUSA GRASS FRESNO KANGAROO RAT GIANT GARTER SNAKE GIANT KANGAROO RAT HOOVER'S ERIASTRUM RAZORBACK SUCKER SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN ANTELOPE SQUIRREL SAN JOAQUIN DUNE BEETLE SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS TIPTON KANGAROO RAT YUMA CLAPPER RAIL
PROMALIN	SAN JOAQUIN KIT FOX VALLEY ELDERBERRY LONGHORN BEETLE
PROMETON	BAY CHECKERSPOT BUTTERFLY

Pesticides Used In Proximity to Habitat  
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PROMETON

CALLIPPE SILVERSPOT BUTTERFLY  
CONGDON'S TARPLANT  
LIGHT FOOTED CLAPPER RAIL  
ROBUST SPINEFLOWER  
SAN BRUNO ELFIN BUTTERFLY  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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PROMETRYN

ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPIKE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PROPANIL

GIANT GARTER SNAKE  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE



Pesticides Used In Proximity to Habitat  
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PROPANIL

VERNAL POOL FAIRY SHRIMP

PROPARGITE

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
LYON'S PENTACHAETA  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

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PROPARGITE

SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

PROPHAM

BLACK LEGLESS LIZARD  
CALIFORNIA RED-LEGGED FROG  
MONTEREY SPINEFLOWER  
SANTA CRUZ LONG TOED SALAMANDER  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

PROPIONIC ACID

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALISTOGA POPCORN-FLOWER  
CLARA HUNT'S MILK-VETCH  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MANY-FLOWERED NAVARRETIA  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS

Pesticides Used In Proximity to Habitat  
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PROPIONIC ACID

NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PENNEL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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PROPYLENE GLYCOL

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT TORTOISE  
FEW-FLOWERED NAVARRETIA  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PROPYLENE GLYCOL

GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
METCALF CANYON JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA SUNSHINE  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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PROPYLENE GLYCOL, METHYL ESTER

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONEJO DUDLEYA  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT  
PISMO CLARKIA  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

PROPYLENE GLYCOL, METHYL ESTER

SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SUCCULENT OWL'S-CLOVER  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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PROPYZAMIDE

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
HICKMAN'S ONION  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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PSEUDOMONAS FLUORESCENS, STRAIN A506

BURKE'S GOLDFIELDS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

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PYRAZON	CONGDON'S TARPLANT GIANT GARTER SNAKE SAN JOAQUIN KIT FOX SUISUN SHREW SACRAMENTO SPLITTAIL VALLEY ELDERBERRY LONGHORN BEETLE
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PYRETHRINS	ARROYO SOUTHWESTERN TOAD BEACH SPECTACLEPOD BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG CALIFORNIA SEA BLITE CALISTOGA POPCORN-FLOWER CLARA HUNT'S MILK-VETCH CONGDON'S TARPLANT DEL MAR MANZANITA ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD GAMBEL'S WATERCRESS GIANT KANGAROO RAT HICKMAN'S ONION HOOVER'S ERIASTRUM INDIAN KNOB MOUNTAINBALM KENWOOD MARSH CHECKERBLOOM LEAST BELLS VIREO LIGHT FOOTED CLAPPER RAIL MARSH SANDWORT METCALF CANYON JEWELFLOWER MONTEREY SPINEFLOWER MORRO BAY KANGAROO RAT MORRO MANZANITA NORTHERN SPOTTED OWL ORCUTT'S SPINEFLOWER PISMO CLARKIA POINT ARENA MOUNTAIN BEAVER PROSTRATE NAVARRETIA ROBUST SPINEFLOWER SALT MARSH BIRD'S-BEAK SALT MARSH HARVEST MOUSE SALTMARSH WANDERING SHREW SAN DIEGO BUTTON-CELERY
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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

PYRETHRINS

SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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RESMETHRIN

BAY CHECKERSPOT BUTTERFLY  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALLIPPE SILVERSPOT BUTTERFLY  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
ROBUST SPINEFLOWER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

RESMETHRIN

SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY

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ROTENONE

ARROYO SOUTHWESTERN TOAD  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALIFORNIA SEA BLITE  
CLARA HUNT'S MILK-VETCH  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
HICKMAN'S ONION  
INDIAN KNOB MOUNTAINBALM  
LAHONTAN CUTTHROAT TROUT  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ROTENONE

SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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RYANODINE ALKALOID

SAN JOAQUIN KIT FOX  
SANTA CRUZ LONG TOED SALAMANDER

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S,S,S-TRIBUTYL PHOSPHOTRITHIOATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
YUMA CLAPPER RAIL

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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SABADILLA ALKALOIDS

CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CONEJO DUDLEYA  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
MUNZ'S ONION  
NEVIN'S BARBERRY  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SANTA ANA RIVER WOOLLYSTAR  
STEPHENS KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP

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SAWDUST

ALAMEDA WHIPSNAKE  
SAN JOAQUIN KIT FOX

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SETHOXYDIM

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LOST RIVER SUCKER  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
RAZORBACK SUCKER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SETHOXYDIM

SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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SILICONE DEFOAMER

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SILICONE DEFOAMER

HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

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SILICONE-POLYETHER COPOLYMER

BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DESERT PUPFISH  
GAMBEL'S WATERCRESS  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NORTHERN SPOTTED OWL  
OTAY MESA MINT  
PENNELL'S BIRD'S-BEAK  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
STRIPED ADOBE LILY  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA

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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SIMAZINE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MARIPOSA LUPINE  
MARIPOSA PUSSYPAWS  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PENNELLS BIRD'S-BEAK  
PITKIN MARSH LILY  
PROSTRATE NAVARRETIA  
SALT MARSH HARVEST MOUSE  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SIMAZINE

SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SUCCULENT OWL'S-CLOVER  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPIKE STICKLEBACK  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA

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SOAP

SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SONOMA SUNSHINE

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SODIUM ALKYLARYL SULFONATE

ALEUTIAN CANADA GOOSE  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA JEWELFLOWER  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

SODIUM ALKYLARYL SULFONATE

HOOVER'S SPURGE  
MONTEREY SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SEBASTOPOL MEADOWFOAM  
SLENDER ORCUTT GRASS  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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SODIUM BENZENE SULFONATE

SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
STRIPED ADOBE LILY  
VERNAL POOL FAIRY SHRIMP

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SODIUM BROMIDE

CALIFORNIA GNATCATCHER  
LEAST BELLS VIREO

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SODIUM CACODYLATE

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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Pesticides Used In Proximity to Habitat  
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SODIUM CHLORATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SACRAMENTO SPLITTAIL  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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SODIUM DODECYLBENZENE SULFONATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
COLUSA GRASS  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
HOOVER'S SPURGE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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SODIUM HYPOCHLORITE

CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
SAN DIEGO THORN MINT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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SODIUM HYPOCHLORITE	THREAD-LEAVED BRODIAEA WESTERN SNOWY PLOVER
SODIUM LAURYL SULFATE	LYON'S PENTACHAETA SANTA MONICA MTNS DUDLEYA
SODIUM METABORATE	SAN DIEGO THORN MINT
SODIUM MOLYBDATE	CONGDON'S TARPLANT SAN JOAQUIN KIT FOX
SODIUM NITRATE	ALAMEDA WHIPSNAKE SAN JOAQUIN KIT FOX
SODIUM PARA-TERT-AMYLPHENATE	LYON'S PENTACHAETA SANTA MONICA MTNS DUDLEYA
SODIUM SULFORICINOLEATE	SEBASTOPOL MEADOWFOAM
SODIUM TETRATHIOCARBONATE	CALIFORNIA CLAPPER RAIL CALISTOGA POPCORN-FLOWER GREENE'S TUCTORIA MONTEREY SPINEFLOWER NAPA BLUE GRASS NORTHERN SPOTTED OWL SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SEBASTOPOL MEADOWFOAM SOFT BIRD'S-BEAK
SODIUM TRIPOLYPHOSPHATE	CALIFORNIA LEAST TERN SALT MARSH BIRD'S-BEAK SAN JOAQUIN KIT FOX TIDEWATER GOBY WESTERN SNOWY PLOVER
SODIUM XYLENE SULFONATE	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BAY CHECKERSPOUT BUTTERFLY BEACH SPECTACLEPOD BEN LOMOND SPINEFLOWER BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS BUTTE COUNTY MEADOWFOAM CALIFORNIA CLAPPER RAIL CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG

Pesticides Used In Proximity to Habitat  
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SODIUM XYLENE SULFONATE

CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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SODIUM XYLENE SULFONATE

STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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SORBITOL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CHINOOK SALMON WINTER RUN  
CONGDON'S TARPLANT  
HOOVER'S SPURGE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER

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SOYBEAN FATTY ACIDS, DIMETHYLAMINE SALT

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BEACH LAYIA  
BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO

Pesticides Used In Proximity to Habitat  
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SOYBEAN FATTY ACIDS, DIMETHYLAMINE SALT

MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PACIFIC GROVE CLOVER  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
SACRAMENTO SPLITTAIL  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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SOYBEAN OIL

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CONDOR  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
COLUSA GRASS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
MARSH SANDWORT  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SHORT-LOBED BROOMRAPE  
SUCCULENT OWL'S-CLOVER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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SOYBEAN OIL

TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP

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STREPTOMYCIN

BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
GAMBEL'S WATERCRESS  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
PROSTRATE NAVARRETIA  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER

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STREPTOMYCIN SULFATE

BAY CHECKERSPOT BUTTERFLY  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
COAST LILY  
CONGDON'S TARPLANT

Pesticides Used In Proximity to Habitat  
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STREPTOMYCIN SULFATE

DEL MAR MANZANITA  
DESERT TORTOISE  
ENCINITAS BACCHARIS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MISSION BLUE BUTTERFLY  
PACIFIC MANZANITA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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STRYCHNINE

BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COACHELLA VALLEY FRINGE TOED LIZARD  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DELHI SANDS FLOWER-LOVING FLY  
DESERT PUPFISH  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD

Pesticides Used In Proximity to Habitat  
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STRYCHNINE

FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HICKMAN'S ONION  
HOOVER'S ERIASTRUM  
JOHNSTON'S ROCK CRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MUNZ'S ONION  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
OWENS VALLEY CHECKERBLOOM  
PARISH'S MEADOWFOAM  
PITKIN MARSH LILY  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA ANA RIVER WOOLLYSTAR  
SANTA BARBARA JEWELFLOWER  
SEBASTOPOL MEADOWFOAM  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
STEPHENS KANGAROO RAT  
SUCCULENT OWL'S-CLOVER  
THREAD-LEAVED BRODIAEA  
TIDESTROM'S LUPINE  
TIDEWATER GOBY  
UNARMORED THREESPINE STICKLEBACK  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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SUGAR

BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN



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SUGAR

CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
LEAST BELLS VIREO  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN KIT FOX  
SAND GILIA  
SAND MESA MANZANITA  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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SULFOMETURON METHYL

CHINOOK SALMON WINTER RUN  
NORTHERN SPOTTED OWL

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SULFONATED ALKYL-DIPHENYL OXIDE

GIANT GARTER SNAKE  
PALMATE-BRACTED BIRD'S-BEAK  
SACRAMENTO SPLITTAIL  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER

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SULFOTEP

CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
MARSH SANDWORT

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SULFOTEP

METCALF CANYON JEWELFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
PROSTRATE NAVARRETIA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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SULFUR

ALAMEDA WHIPSNAKE  
ALEUTIAN CANADA GOOSE  
ANTIOCH DUNES EVENING-PRIMROSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA CONDOR  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CHINOOK SALMON WINTER RUN  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
COLUSA GRASS  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
CONTRA COSTA WALLFLOWER  
DEL MAR MANZANITA  
DELTA GREEN GROUND BEETLE  
DESERT PUPFISH  
DESERT TORTOISE

Pesticides Used In Proximity to Habitat  
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SULFUR

ENCINITAS BACCHARIS  
FEW-FLOWERED NAVARRETIA  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HARTWEG'S GOLDEN SUNBURST  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
KENWOOD MARSH CHECKERBLOOM  
LANGES METALMARK BUTTERFLY  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
MANY-FLOWERED NAVARRETIA  
MARCESCENT DUDLEYA  
MARIPOSA LUPINE  
MARIPOSA PUSSYPAWS  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PENINSULAR BIGHORN SHEEP  
PENNELL'S BIRD'S-BEAK  
PISMO CLARKIA  
PITKIN MARSH LILY  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL

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SULFUR	SAN JOAQUIN DUNE BEETLE SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SAN JOAQUIN WOOLLYTHREADS SAND GILIA SAND MESA MANZANITA SANTA CLARA VALLEY DUDLEYA SANTA CRUZ CYPRESS SANTA CRUZ LONG TOED SALAMANDER SANTA CRUZ WALLFLOWER SEASIDE BIRD'S-BEAK SEBASTOPOL MEADOWFOAM SHORT-LOBED BROOMRAPE SHOWY INDIAN CLOVER SMITHS BLUE BUTTERFLY SOFT BIRD'S-BEAK SONOMA ALOPECURUS SONOMA SPINEFLOWER SONOMA SUNSHINE STEBBINS' MORNING-GLORY STEPHENS KANGAROO RAT SUCCULENT OWL'S-CLOVER SUISUN SHREW SACRAMENTO SPLITTAIL THREAD-LEAVED BRODIAEA TIDEWATER GOBY TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP VINE HILL CLARKIA WESTERN SNOWY PLOVER WHITE SEDGE YADON'S PIPERIA YUMA CLAPPER RAIL
SULPROFOS	YUMA CLAPPER RAIL
SYM-TRIAZINE	CALIFORNIA CLAPPER RAIL SALTMARSH WANDERING SHREW
SYNTHETIC VEGETABLE GUMS	COACHELLA VALLEY FRINGE TOED LIZARD DESERT TORTOISE HARTWEG'S GOLDEN SUNBURST METCALF CANYON JEWELFLOWER SAN JOAQUIN KIT FOX VALLEY ELDERBERRY LONGHORN BEETLE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TALL OIL ACIDS

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA ORCUTT GRASS  
COAST LILY  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PEIRSON'S MILK-VETCH  
POINT ARENA MOUNTAIN BEAVER  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TAU-FLUVALINATE

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MANY-FLOWERED NAVARRETIA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TAU-FLUVALINATE

SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN LILY  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA

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TEBUFENOZIDE

BALD EAGLE  
CHINOOK SALMON WINTER RUN  
GREENE'S TUCTORIA  
HOOVER'S SPURGE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SLENDER ORCUTT GRASS  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP

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TEBUTHIURON

HOWELL'S SPINEFLOWER  
LIGHT FOOTED CLAPPER RAIL  
SAN FRANCISCO GARTER SNAKE  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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TERRAZOLE

BAY CHECKERSPOT BUTTERFLY  
BURKE'S GOLDFIELDS  
CALLIPPE SILVERSPOT BUTTERFLY  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
ROBUST SPINEFLOWER  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO THORN MINT  
SONOMA SUNSHINE  
STICKY DUDLEYA

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Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TETRAPOTASSIUM PYROPHOSPHATE

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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TETRAPOTASSIUM PYROPHOSPHATE

SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE-RAYED PENTACHAETA  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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THIABENDAZOLE

CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
LEAST BELLS VIREO  
SAN FRANCISCO GARTER SNAKE  
YADON'S PIPERIA

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THIABENDAZOLE, HYPOPHOSPHITE SALT

SAN FRANCISCO GARTER SNAKE

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THIDIAZURON

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
PALMATE-BRACTED BIRD'S-BEAK  
RAZORBACK SUCKER  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

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THIDIAZURON

SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
TIPTON KANGAROO RAT  
VERNAL POOL FAIRY SHRIMP  
YUMA CLAPPER RAIL

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THIOBENCARB

ALEUTIAN CANADA GOOSE  
BLACK LEGLESS LIZARD  
CALIFORNIA JEWELFLOWER  
COLUSA GRASS  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
MONTEREY SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
ROBUST SPINEFLOWER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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THIODICARB

CALIFORNIA JEWELFLOWER  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
YUMA CLAPPER RAIL

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THIOPHANATE

CALIFORNIA GNATCATCHER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MONTEREY SPINEFLOWER  
PROSTRATE NAVARRETIA  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SANTA CRUZ LONG TOED SALAMANDER  
STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

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THIOPHANATE-METHYL

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOT BUTTERFLY  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HICKMAN'S CINQUEFOIL  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LAGUNA BEACH DUDLEYA  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

THIOPHANATE-METHYL

SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHOWY INDIAN CLOVER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
WILLOWY MONARDELLA  
YADON'S PIPERIA

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THIRAM

BLACK LEGLESS LIZARD  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
GIANT GARTER SNAKE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LYON'S PENTACHAETA  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
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(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

THIRAM

SAND GILIA  
SANTA CRUZ LONG TOED SALAMANDER  
SEBASTOPOL MEADOWFOAM  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA

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TRIADIMEFON

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BALD EAGLE  
BAY CHECKERSPOT BUTTERFLY  
BEACH SPECTACLEPOD  
BEN LOMOND SPINEFLOWER  
BLACK LEGLESS LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA FRESHWATER SHRIMP  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
CALISTOGA POPCORN-FLOWER  
CALLIPPE SILVERSPOT BUTTERFLY  
CLARA HUNT'S MILK-VETCH  
COACHELLA VALLEY FRINGE TOED LIZARD  
COAST LILY  
COHO SALMON  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
COYOTE CEANOTHUS  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TRIADIMEFON

METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NEVIN'S BARBERRY  
NORTHERN SPOTTED OWL  
PACIFIC MANZANITA  
PEIRSON'S MILK-VETCH  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SCOTT'S VALLEY SPINEFLOWER  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
SMITHS BLUE BUTTERFLY  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STICKY DUDLEYA  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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TRICHLORFON

SAN FRANCISCO GARTER SNAKE

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDb and 1995 Pesticide Use Report - aggregated by section)

TRICHLORFON	SAN JOAQUIN KIT FOX
TRICHLORO-S-TRIAZINETRIONE	CALIFORNIA GNATCATCHER LEAST BELLS VIREO
TRICLOPYR, BUTOXYETHYL ESTER	BALD EAGLE BURKE'S GOLDFIELDS CALIFORNIA GNATCATCHER CALIFORNIA RED-LEGGED FROG CHINOOK SALMON WINTER RUN COAST LILY HICKMAN'S CINQUEFOIL NORTHERN SPOTTED OWL OWENS TUI CHUB OWENS VALLEY CHECKERBLOOM ROBUST SPINEFLOWER SAN JOAQUIN KIT FOX SEBASTOPOL MEADOWFOAM SONOMA ALOPECURUS SONOMA SUNSHINE STEPHENS KANGAROO RAT TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE WESTERN SNOWY PLOVER
TRICLOPYR, TRIETHYLAMINE SALT	CHINOOK SALMON WINTER RUN NORTHERN SPOTTED OWL
TRIETHANOLAMINE	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BAY CHECKERSPOUT BUTTERFLY BEACH SPECTACLEPOD BEN LOMOND SPINEFLOWER BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS BUTTE COUNTY MEADOWFOAM CALIFORNIA CLAPPER RAIL CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA ORCUTT GRASS CALIFORNIA RED-LEGGED FROG CALLIPPE SILVERSPOT BUTTERFLY CHINOOK SALMON WINTER RUN COHO SALMON CONEJO DUDLEYA CONGDON'S TARPLANT DEL MAR MANZANITA

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TRIETHANOLAMINE

DESERT PUPFISH  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
ORCUTT'S SPINEFLOWER  
PACIFIC POCKET MOUSE  
PALMATE-BRACTED BIRD'S-BEAK  
PARISH'S MEADOWFOAM  
PISMO CLARKIA  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SAN BRUNO ELFIN BUTTERFLY  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ CYPRESS  
SANTA CRUZ LONG TOED SALAMANDER  
SANTA CRUZ WALLFLOWER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
STRIPED ADOBE LILY  
SACRAMENTO SPLITTAIL  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VAIL LAKE CEANOTHUS



Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

TRIETHANOLAMINE	VALLEY ELDERBERRY LONGHORN BEETLE VERITY'S DUDLEYA VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER WHITE-RAYED PENTACHAETA YADON'S PIPERIA YUMA CLAPPER RAIL
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TRIETHANOLAMINE DODECYLBENZENE SULFONATE	CALIFORNIA LEAST TERN SALT MARSH BIRD'S-BEAK SAN JOAQUIN KIT FOX TIDEWATER GOBY WESTERN SNOWY PLOVER
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TRIFLUMIZOLE	BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA LEAST TERN CLARA HUNT'S MILK-VETCH CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS DEL MAR MANZANITA ENCINITAS BACCHARIS GREENE'S TUCTORIA HAIRY ORCUTT GRASS HOOVER'S ERIASTRUM NORTHERN SPOTTED OWL ORCUTT'S SPINEFLOWER PENNELLS BIRD'S-BEAK PITKIN MARSH LILY PROSTRATE NAVARRETIA SAN DIEGO BUTTON-CELERY SAN DIEGO THORN MINT SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SAN JOAQUIN VALLEY ORCUTT GRASS SEBASTOPOL MEADOWFOAM SHORT-LOBED BROOMRAPE SHOWY INDIAN CLOVER SOFT BIRD'S-BEAK SONOMA ALOPECURUS SONOMA SUNSHINE STEPHENS KANGAROO RAT THREAD-LEAVED BRODIAEA TIPTON KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE
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TRIFLUMIZOLE

VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE

TRIFLURALIN

ALEUTIAN CANADA GOOSE  
ARROYO SOUTHWESTERN TOAD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CONDOR  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COAST LILY  
COLUSA GRASS  
CONGDON'S TARPLANT  
DESERT CYMPTERUS  
DESERT PUPFISH  
DESERT TORTOISE  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HAIRY ORCUTT GRASS  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LONGHORN FAIRY SHRIMP  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
MUNZ'S ONION  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
RAZORBACK SUCKER  
SAN FRANCISCO GARTER SNAKE  
SAN JACINTO VALLEY CROWNSCALE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
STEPHENS KANGAROO RAT

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TRIFLURALIN

SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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TRIFORINE

ARROYO SOUTHWESTERN TOAD  
BAY CHECKERSPOOT BUTTERFLY  
BURKE'S GOLDFIELDS  
BUTTE COUNTY MEADOWFOAM  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALLIPPE SILVERSPOT BUTTERFLY  
CHINOOK SALMON WINTER RUN  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
DESERT PUPFISH  
ENCINITAS BACCHARIS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GREENE'S TUCTORIA  
HARTWEG'S GOLDEN SUNBURST  
HOOVER'S SPURGE  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
METCALF CANYON JEWELFLOWER  
MISSION BLUE BUTTERFLY  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PACIFIC MANZANITA  
PACIFIC POCKET MOUSE  
PROSTRATE NAVARRETIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK

Pesticides Used In Proximity to Habitat  
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TRIFORINE

SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN BRUNO MTN MANZANITA  
SAN DIEGO BUTTON-CELERY  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SLENDER-HORNED SPINEFLOWER  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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TRISODIUM PHOSPHATE

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
COLUSA GRASS  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOOVER'S ERIASTRUM  
HOOVER'S SPURGE  
METCALF CANYON JEWELFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SUCCULENT OWL'S-CLOVER  
SACRAMENTO SPLITTAIL  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER

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UNDECYL POLYOXYETHYLENE (5 MOLES ETHYLENE  
OXIDE)

BLACK LEGLESS LIZARD  
  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
GREENE'S TUCTORIA  
MARSH SANDWORT  
MONTEREY SPINEFLOWER  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER

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UNICONIZOLE-P

BAY CHECKERSPOT BUTTERFLY  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALLIPPE SILVERSPOT BUTTERFLY  
GAMBEL'S WATERCRESS  
LIGHT FOOTED CLAPPER RAIL  
MARSH SANDWORT  
ROBUST SPINEFLOWER  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN BRUNO ELFIN BUTTERFLY  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
STEPHENS KANGAROO RAT  
TIDEWATER GOBY  
WESTERN SNOWY PLOVER  
WHITE SEDGE

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UREA

ALEUTIAN CANADA GOOSE  
CALIFORNIA LEAST TERN  
CONEJO DUDLEYA  
GREENE'S TUCTORIA  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE

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UREA	VERITY'S DUDLEYA WESTERN SNOWY PLOVER
UREA DIHYDROGEN SULFATE	ALEUTIAN CANADA GOOSE BLACK LEGLESS LIZARD BLUNT NOSED LEOPARD LIZARD CALIFORNIA CLAPPER RAIL CHINOOK SALMON WINTER RUN COLUSA GRASS CONGDON'S TARPLANT DESERT PUPFISH GIANT GARTER SNAKE HOOVER'S SPURGE LOST RIVER SUCKER MONTEREY SPINEFLOWER PALMATE-BRACTED BIRD'S-BEAK ROBUST SPINEFLOWER SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX SAN JOAQUIN WOOLLYTHREADS SHORTNOSE SUCKER SACRAMENTO SPLITTAIL TIDEWATER GOBY VALLEY ELDERBERRY LONGHORN BEETLE VERNAL POOL FAIRY SHRIMP VERNAL POOL TADPOLE SHRIMP WESTERN SNOWY PLOVER YUMA CLAPPER RAIL
VEGETABLE OIL	ALEUTIAN CANADA GOOSE ARROYO SOUTHWESTERN TOAD BEACH SPECTACLEPOD BLUNT NOSED LEOPARD LIZARD CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALIFORNIA LEAST TERN CALIFORNIA RED-LEGGED FROG COLUSA GRASS CONGDON'S TARPLANT DEL MAR MANZANITA ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GAMBEL'S WATERCRESS GIANT GARTER SNAKE GIANT KANGAROO RAT HOOVER'S ERIASTRUM LEAST BELLS VIREO MARSH SANDWORT

Pesticides Used In Proximity to Habitat  
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VEGETABLE OIL

MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
ORCUTT'S SPINEFLOWER  
PALMATE-BRACTED BIRD'S-BEAK  
PISMO CLARKIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
UNARMORED THREESPINE STICKLEBACK  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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VINCLOZOLIN

BEACH SPECTACLEPOD  
BLACK LEGLESS LIZARD  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COAST LILY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
LYON'S PENTACHAETA  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MORRO BAY KANGAROO RAT

Pesticides Used In Proximity to Habitat  
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VINCLOZOLIN

MORRO MANZANITA  
MOST BEAUTIFUL JEWELFLOWER  
NORTHERN SPOTTED OWL  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAN MATEO THORN MINT  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERITY'S DUDLEYA  
WESTERN LILY  
WESTERN SNOWY PLOVER  
YADON'S PIPERIA  
YUMA CLAPPER RAIL

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VINYL POLYMER

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA ORCUTT GRASS  
CALIFORNIA RED-LEGGED FROG  
COLUSA GRASS  
CONGDON'S TARPLANT  
DESERT PUPFISH  
FLAT TAILED HORNED LIZARD  
FRESNO KANGAROO RAT  
GIANT GARTER SNAKE  
GIANT KANGAROO RAT  
HOOVER'S ERIASTRUM  
LOST RIVER SUCKER



Pesticides Used In Proximity to Habitat  
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VINYL POLYMER

MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
NORTHERN SPOTTED OWL  
OTAY MESA MINT  
PALMATE-BRACTED BIRD'S-BEAK  
PEIRSON'S MILK-VETCH  
PROSTRATE NAVARRETIA  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN DUNE BEETLE  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SHORTNOSE SUCKER  
SLENDER-HORNED SPINEFLOWER  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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XANTHAN GUM

BEACH SPECTACLEPOD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA RED-LEGGED FROG  
CONGDON'S TARPLANT  
GAMBEL'S WATERCRESS  
LEAST BELLS VIREO  
MARSH SANDWORT  
MORRO BAY KANGAROO RAT  
MORRO MANZANITA  
PISMO CLARKIA  
RAZORBACK SUCKER  
SAN JOAQUIN KIT FOX  
SAND MESA MANZANITA  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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Pesticides Used In Proximity to Habitat  
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XYLENE

AHART'S DWARF RUSH  
BALD EAGLE  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
COAST LILY  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONSERVANCY FAIRY SHRIMP  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
FLAT TAILED HORNED LIZARD  
GAMBEL'S WATERCRESS  
GIANT KANGAROO RAT  
GREENE'S TUCTORIA  
HOWELL'S SPINEFLOWER  
LEAST BELLS VIREO  
LIGHT FOOTED CLAPPER RAIL  
LOST RIVER SUCKER  
MARSH SANDWORT  
MENZIES' WALLFLOWER  
MONTEREY SPINEFLOWER  
NEVIN'S BARBERRY  
PACIFIC POCKET MOUSE  
RAZORBACK SUCKER  
SALT MARSH BIRD'S-BEAK  
SAN DIEGO THORN MINT  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND MESA MANZANITA  
SEBASTOPOL MEADOWFOAM  
SHORT-LOBED BROOMRAPE  
SHORTNOSE SUCKER  
SLENDER ORCUTT GRASS  
SLENDER-HORNED SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
THREAD-LEAVED BRODIAEA  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VERNAL POOL TADPOLE SHRIMP  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

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XYLENE RANGE AROMATIC SOLVENT

ARROYO SOUTHWESTERN TOAD  
BLACK LEGLESS LIZARD  
BLUNT NOSED LEOPARD LIZARD  
BURKE'S GOLDFIELDS  
CALIFORNIA CLAPPER RAIL  
CALIFORNIA GNATCATCHER  
CALIFORNIA JEWELFLOWER  
CALIFORNIA LEAST TERN  
CALIFORNIA RED-LEGGED FROG  
CHINOOK SALMON WINTER RUN  
COACHELLA VALLEY FRINGE TOED LIZARD  
CONEJO DUDLEYA  
CONGDON'S TARPLANT  
CONTRA COSTA GOLDFIELDS  
DEL MAR MANZANITA  
ENCINITAS BACCHARIS  
GAMBEL'S WATERCRESS  
GIANT GARTER SNAKE  
HOOVER'S ERIASTRUM  
LEAST BELLS VIREO  
MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
ORCUTT'S SPINEFLOWER  
PISMO CLARKIA  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SALT MARSH HARVEST MOUSE  
SALTMARSH WANDERING SHREW  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CLARA VALLEY DUDLEYA  
SANTA CRUZ LONG TOED SALAMANDER  
SHORT-LOBED BROOMRAPE  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SUISUN SHREW  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
VALLEY ELDERBERRY LONGHORN BEETLE  
WESTERN SNOWY PLOVER  
YUMA CLAPPER RAIL

Pesticides Used In Proximity to Habitat  
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Z-8-DODECENOL	FRESNO KANGAROO RAT GIANT GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX
Z-8-DODECENYL ACETATE	FRESNO KANGAROO RAT GIANT GARTER SNAKE SAN JOAQUIN ADOBE SUNBURST SAN JOAQUIN KIT FOX
ZINC PHOSPHIDE	ARROYO SOUTHWESTERN TOAD CALIFORNIA GNATCATCHER GIANT GARTER SNAKE LEAST BELLS VIREO SAN FRANCISCO GARTER SNAKE SAN JOAQUIN KIT FOX SANTA ANA RIVER WOOLLYSTAR SLENDER-HORNED SPINEFLOWER STEPHENS KANGAROO RAT VALLEY ELDERBERRY LONGHORN BEETLE
ZINC SULFATE	ALEUTIAN CANADA GOOSE BLUNT NOSED LEOPARD LIZARD BURKE'S GOLDFIELDS CALIFORNIA CLAPPER RAIL CALIFORNIA CONDOR CALIFORNIA FRESHWATER SHRIMP CALIFORNIA GNATCATCHER CALIFORNIA JEWELFLOWER CALISTOGA POPCORN-FLOWER CHINOOK SALMON WINTER RUN COLUSA GRASS CONGDON'S TARPLANT CONTRA COSTA GOLDFIELDS DEL MAR MANZANITA DESERT TORTOISE ENCINITAS BACCHARIS FLAT TAILED HORNED LIZARD FRESNO KANGAROO RAT GAMBEL'S WATERCRESS GIANT GARTER SNAKE GREENE'S TUCTORIA HOOVER'S ERIASTRUM HOOVER'S SPURGE LARGE-FLOWERED FIDDLENECK LEAST BELLS VIREO LONGHORN FAIRY SHRIMP LOST RIVER SUCKER

Pesticides Used In Proximity to Habitat  
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by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ZINC SULFATE

MARSH SANDWORT  
METCALF CANYON JEWELFLOWER  
MONTEREY SPINEFLOWER  
MOST BEAUTIFUL JEWELFLOWER  
NAPA BLUE GRASS  
NORTHERN SPOTTED OWL  
PALMATE-BRACTED BIRD'S-BEAK  
PENNEL'S BIRD'S-BEAK  
PITKIN MARSH LILY  
RAZORBACK SUCKER  
ROBUST SPINEFLOWER  
SALT MARSH BIRD'S-BEAK  
SAN FRANCISCO GARTER SNAKE  
SAN JOAQUIN ADOBE SUNBURST  
SAN JOAQUIN ANTELOPE SQUIRREL  
SAN JOAQUIN KIT FOX  
SAN JOAQUIN VALLEY ORCUTT GRASS  
SAN JOAQUIN WOOLLYTHREADS  
SAND GILIA  
SAND MESA MANZANITA  
SANTA CRUZ LONG TOED SALAMANDER  
SEASIDE BIRD'S-BEAK  
SEBASTOPOL MEADOWFOAM  
SHORTNOSE SUCKER  
SHOWY INDIAN CLOVER  
SOFT BIRD'S-BEAK  
SONOMA ALOPECURUS  
SONOMA SPINEFLOWER  
SONOMA SUNSHINE  
STEPHENS KANGAROO RAT  
SACRAMENTO SPLITTAIL  
TIDEWATER GOBY  
TIPTON KANGAROO RAT  
VALLEY ELDERBERRY LONGHORN BEETLE  
VERNAL POOL FAIRY SHRIMP  
VERNAL POOL TADPOLE SHRIMP  
VINE HILL CLARKIA  
WESTERN SNOWY PLOVER  
WHITE SEDGE  
YUMA CLAPPER RAIL

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ZINEB

CALIFORNIA GNATCATCHER  
CALIFORNIA LEAST TERN  
DEL MAR MANZANITA  
THREAD-LEAVED BRODIAEA  
WESTERN SNOWY PLOVER

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ZIRAM

ALEUTIAN CANADA GOOSE  
BLUNT NOSED LEOPARD LIZARD

Pesticides Used In Proximity to Habitat  
of Federally Listed Species and Candidate Species in California  
by Active Ingredient

(from section-indexed 1997 NDDB and 1995 Pesticide Use Report - aggregated by section)

ZIRAM	BURKE'S GOLDFIELDS
	BUTTE COUNTY MEADOWFOAM
	CHINOOK SALMON WINTER RUN
	COAST LILY
	COLUSA GRASS
	CONSERVANCY FAIRY SHRIMP
	FRESNO KANGAROO RAT
	GIANT GARTER SNAKE
	GIANT KANGAROO RAT
	GREENE'S TUCTORIA
	HARTWEG'S GOLDEN SUNBURST
	HOOVER'S ERIASTRUM
	HOOVER'S SPURGE
	NORTHERN SPOTTED OWL
	SAN JOAQUIN ADOBE SUNBURST
	SAN JOAQUIN ANTELOPE SQUIRREL
	SAN JOAQUIN KIT FOX
	SAN JOAQUIN VALLEY ORCUTT GRASS
	SAN JOAQUIN WOOLLYTHREADS
	SLENDER ORCUTT GRASS
	SUCCULENT OWL'S-CLOVER
	SACRAMENTO SPLITTAIL
	TIDEWATER GOBY
	TIPTON KANGAROO RAT
	VALLEY ELDERBERRY LONGHORN BEETLE
	VERNAL POOL FAIRY SHRIMP
	VERNAL POOL TADPOLE SHRIMP